

EngOpt 2008

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Program

Edited by

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CONFERENCE FORMAT

	SUN	MON	TUE	WED	THU
08:30-10:10		Registration + Opening	Oral Session	Oral Session	Oral Session
10:10-10:30		Coffee	Coffee	Coffee	Coffee
10:30-12:10		Oral Session	Oral Session	Poster Session	Oral Session
12:10-15:00-		Lunch	Lunch	Lunch	Conference Closure
15:00-16:40	Registration	Oral Session	Oral Session	Oral Session	
16:40-17:00		Coffee	Coffee	Coffee	
17:10-18:40		Oral Session	Oral Session	Oral Session	
Evening		Welcome Reception		Conference Dinner	

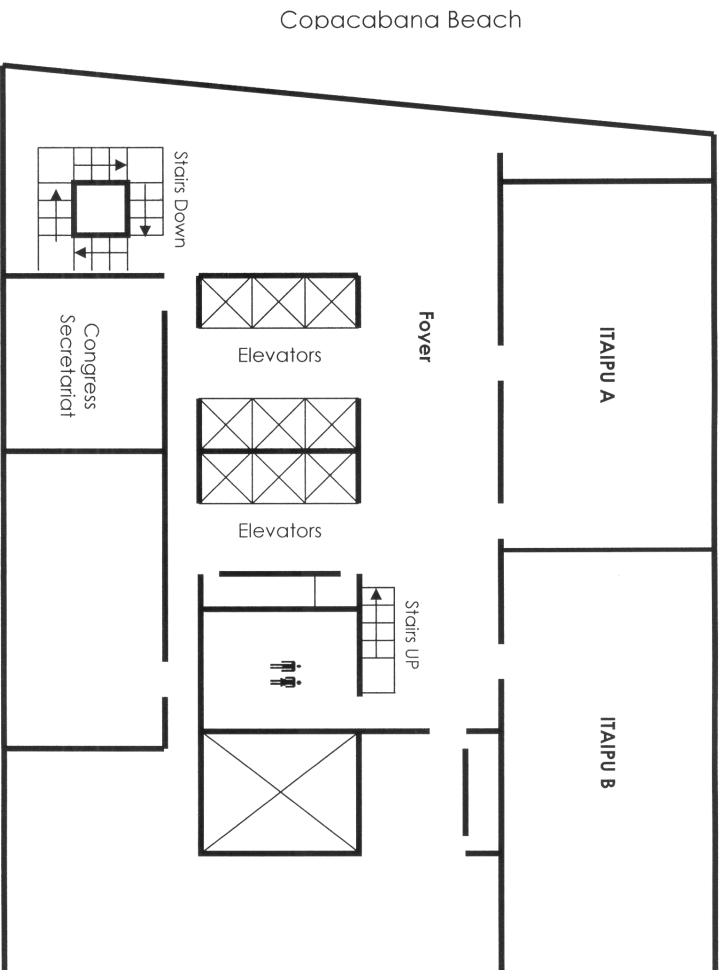
SESSIONS

AERODYNAMICS	Aerodynamics
AEROSPACE	Aerospace Industry
ANALYSIS	Analysis and Sensitivity Analysis
AUTOMOTIVE	Automotive Industry
BIO-MECH	Bio-Mechanics Applications
CIVIL	Civil Engineering
ELECTRICAL	Electrical Engineering
ENERGY	Energy Generation and Transmission
EVOLUTIONARY	Evolutionary Techniques
HEAT-MASS	Heat and Mass Transfer
IDENTIFICATION	Identification
IMAGING	Imaging
INDUSTRIAL APPLICATIONS	Industrial Applications
MATERIALS	Materials processing
MATHPROG	Mathematical Programming
MECH-ENG	Mechanical Engineering
MULTI-OBJ	Multi-objective Optimization
MDO	Multidisciplinary Design Optimization
OIL and GAS	Oil and Gas Industries
PROD-TRANSP	Production and Transport Engineering
RBDO	Reliability Based Design Optimization
ROBOTICS	Robotics
SHAPE	Shape Optimization
SOLID-MECH	Solid Mechanics
STRUCTURAL OPTIMIZATION	Structural Optimization
TOPOLOGY	Topology Optimization
VIBRATIONS	Vibrations and Structural Dynamics

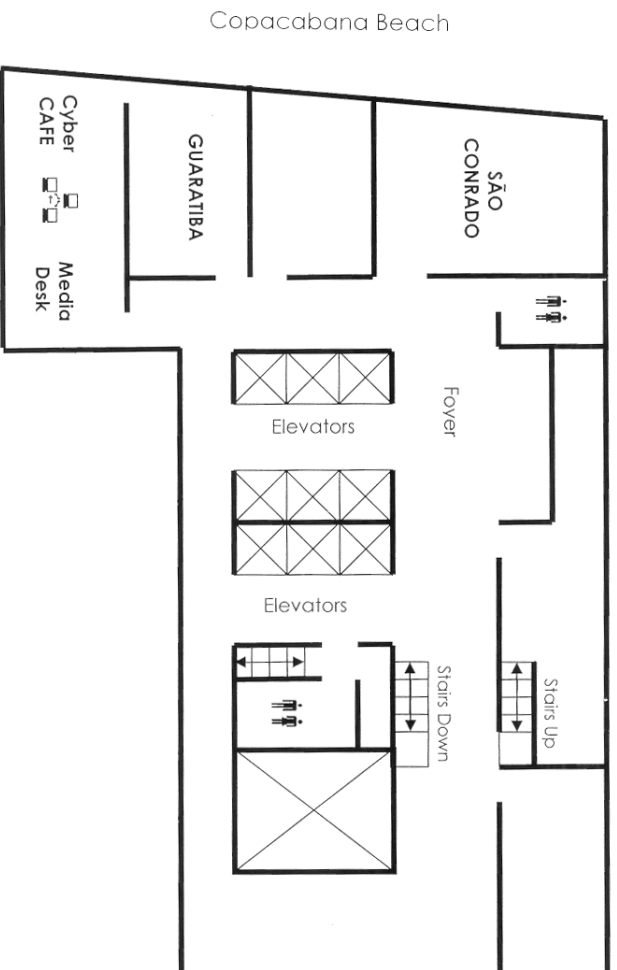
SESSIONS SCHEDULE

	MON	TUE	WED	THU
08:30-10:10				
Itaipu A	Oil And Gas	Industrial Applications	Solid-Mech	
Itaipu B	Topology	Prod-Transp	Prod-Transp	
São Conrado	Heat-Mass	Aerospace	Mathprog	
Guaratiba	Materials	Imaging	Aerodynamics	
Samambaia	Vibrations			
10:30-12:10				
Itaipu A	Energy		Mech-Eng	
Itaipu B	Structural Optimization		Evolutionary	
São Conrado	Mathprog	Mdo	Aerospace	
Guaratiba	Robotics	Analysis	Multi-Obj	
Samambaia	Evolutionary	Shape		
15:00-16:40				
Itaipu A	Energy	Oil And Gas	Industrial Applications	
Itaipu B	Structural Optimization	Topology	Prod-Transp	
São Conrado	Mathprog	Multi-Obj	Automotive	
Guaratiba	Identification	Rbdo	Imaging	
Samambaia	Evolutionary	Electrical		
17:10-18:40				
Itaipu A	Energy	Oil And Gas	Industrial Applications	
Itaipu B	Structural Optimization	Topology	Prod-Transp	
São Conrado	Mathprog	Bio-Mech	Automotive	
Guaratiba	Identification	Rbdo	Solid-Mech	
Samambaia	Civil	Electrical		

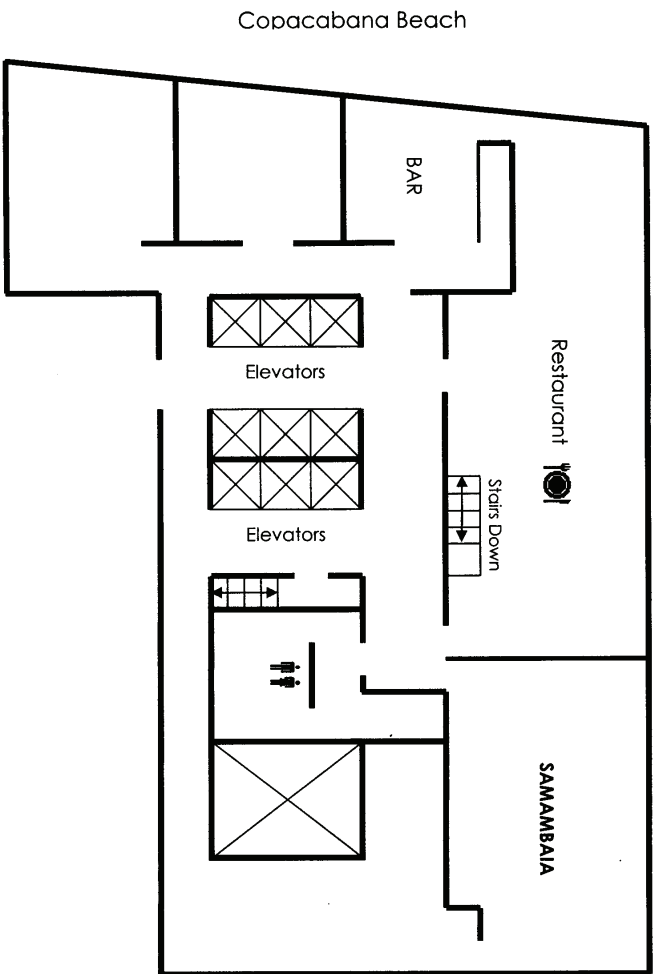
1st FLOOR



2nd FLOOR



3rd FLOOR



ENGOPT 2008 – Monday / Morning 02

Schedule	ENERGY		STRUCTURAL OPTIMIZATION		MATHPROG		ROBOTICS		EVOLUTIONARY	
	Room	Itaipu A	Room	Itaipu B	Room	São Conrado	Room	Guaratiba	Room	Samambaia
	Chaired by	C. Sagastizábal	Chaired by	G. Rozvany	Chaired by	G. W.Weber	Chaired by	A. Tovar	Chaired by	D. H. Bassir
10:30-10:50	Incremental Bundle Methods for Mid-term Production Planning (p.32) <i>G. Emiel; C. Sagastizábal</i>		Design Optimization of Structures including Repetitive Patterns (p.135) <i>D. Akcay Perdahcioglu; M. Ellenbroek; P. van der Hoogt; A. de Boer</i>		A Continuous Nonlinear Approach to Mixed-integer Problems Based on Complementarity Constraints (p.77) <i>F. Dias Fagundes; J. Facó; A. Elias Xavier</i>		Vibration Reduction of a Flexible Robot through a Stochastic Optimal Control Strategy (p.122) <i>R. Santos; V. Steffen Jr.</i>		Design of Code Division Multiple Access Filters using Global Optimization (p.43) <i>I. Benjamin; R. Angel Manuel; M. Bijan; M. Yves</i>	
10:50-11:10	Market Dispatch Mechanisms for Intermittent Generation (p.33) <i>A. Philpott</i>		Influence of Protecting Devices on the Optimal Design of Elastic Plastic Structures (p.135) <i>L. Palizzolo; M. di Paola; S. Benfratello</i>		Analysis of a Spectral Updating for the Method of Moving Asymptotes (p.77) <i>M. Sachine; M. Gomes-Ruggiero; S. Santos</i>		Coupler-based Synthesis of a Rssr Mechanism (p.123) <i>F. Rodríguez; A. Tovar</i>		Differential Evolution Applied to the Solution of Large Linear Systems (p.43) <i>S. Saramago; L. Purcina</i>	
11:10-11:30	Optimizing Financial and Physical Assets with Chance-constrained Programming in the Electrical Industry (p.34) <i>R. Zorcati; W. van Ackooij</i>		Shape and Topology Optimization of an Integrated Piezoelectric Microlens Actuator (p.136) <i>J. Brunne; M. Langelaar; Z. Liu; F. Schneider; U. Wallrabe; J. Korvink</i>		Semi-infinite and Conic Optimization in Human and Financial Sciences under Uncertainty (p.79) <i>E. Kropat; G. Weber; B. Akteke-Ozturk</i>		New Technique for Inverse Kinematics Problem using Sa. (p.123) <i>I. Lache</i>		Self-adaptation in Genetic Algorithms Applied to Structural Optimization (p.43) <i>C. Conceição António</i>	
11:30-11:50	Solving the Short Term Operating Planning Problem of Hydrothermal Systems by using the Progressive Hedging Method (p.40) <i>M. Loureiro dos Santos; E. Silva; E. Finardi; R. Chagas Gonçalves</i>		Multi-objective Optimization of Free-form Grid Structures (p.136) <i>P. Winslow; S. Pellegrino; S. Sharma</i>		Extended Formulations for Minlp Problems based on Value Decompositions (p.79) <i>U. Haus; D. Michaels; A. Sauchanka</i>		Topology Synthesis of Compliant Mechanisms using Cellular Automata (p.123) <i>C. Narvaez; R. Lopez; A. Tovar; D. Garzón</i>		A Bacterial Chemotaxis Multiobjective Optimization Algorithm (p.44) <i>M. Guzman Pardo; A. Delgado Rivera; J. De Carvalho</i>	
11:50-12:10	Optimal Redistribution of Monthly Hydroelectric Generation Into Base, Peak and Low Load Levels <i>R. Marques Marcato; C. Sagastizabal; M. Maceira</i>		An Inexact Restoration Technique for Solving Truss Topology Optimization (p.137) <i>S. Lima de Campos Castro; E. A. Fancello; A. Friedlander; S. A. Santos</i>		The Task Programming Problem in Clothing Workshops <i>M. Solar</i>				Improving the Efficiency of Population-based Global Optimization Algorithms by Rejecting Trial Points Likely to Fail (p.44) <i>S. Ruuska; T. Aittokoski</i>	

ENGOPT 2008 – Monday / Afternoon 01

Schedule	ENERGY		STRUCTURAL OPTIMIZATION		MATHPROG		IDENTIFICATION		EVOLUTIONARY	
	Room	Itaipu A	Room	Itaipu B	Room	São Conrado	Room	Guaratiba	Room	Samambaia
	Chaired by	André Diniz	Chaired By	M. Hecke	Chaired By	K. Schittkowsky	Chaired By	H. O. Orlande	Chaired By	I. Benjamin
15:00-15:20	Mid-term Electricity Production Scheduling by Decomposition-coordination (p.35) <i>A. Lenoir; K. Barty</i>		Sizing and Shape Simultaneous Optimization of Transmission Towers using Genetic Algorithm (p.138) <i>F. Neves; M. Fonseca</i>		On the Computation of the Convex Envelope for Some Classes of Nonlinear Functions (p.80) <i>D. Michaels; M. Jach; R. Weismantel</i>		Comparison of Statistical Models Against an SVM Model for Wages Time Series Modelling and Forecasting (p.56) <i>M. Marcek; D. Marcek</i>		An Efficient Evolutionary Algorithm for the Aggregated Weighting Areas Problem (p.45) <i>G. Semaan; L. Ochi; J. Moura Brito; F. Montenegro</i>	
15:20-15:40	Allocation of Firm Capacity Rights Among Hydro and Thermal Generators: a Game-theoretical Approach (p.35) <i>G. Ayala; M. Pereira; L. Barroso; S. Granville; R. Chabar; A. Street; R. Kelman</i>		Formulations for the Optimal Design of Rc Wind Turbine Towers (p.138) <i>M. Silva; J. Arora; R. Brasil</i>		Some Results for Minty and Stampacchia Variational Inequality Problems (p.80) <i>S. Scheimberg; F. Jacinto</i>		Some Remarks on Statistical Methods for Design and Analysis of Microarray Experiments (p.56) <i>M. Razzaghi</i>		An Adaptive Constraint Handling Technique for Differential Evolution in Engineering Optimization (p.46) <i>H. Barbosa; E. Krempser da Silva; A. Lemonge</i>	
15:40-16:00	A Comparative Study of Dynamic Optimization Techniques Applied to the Operational Planning of the Brazilian Electrical System (p.34) <i>A. Marcato; B. Dias; L. Oliveira; R. Rocha; I. Silva Jr; E. Oliveira; T. Cesar</i>		Optimum Truss Design under Failure Constraints Combining Continuous and Integer Programming Algorithms (p.138) <i>J. Fonseca; R. Pruença</i>		The Most Likely Path and the Network Elucidation Template (p.82) <i>L. Lopes; D. Reich</i>		Inverse Stochastic Characterization of Adsorption Systems by a Random Restricted Window (r2w) Method (p.57) <i>L. Tavares Câmara; A. da Silva Neto</i>		Evolutionary Multiobjective Optimization using a Fuzzy-based Dominance Concept (p.47) <i>E. Fernandez ; E. Lopez; S. Bernal; C. Coello; J. Navarro</i>	
16:00-16:20	Risk Constrained Portfolio Selection of Renewable Sources in Hydrothermal Electricity Markets (p.38) <i>A. Street; L. Barroso; B. Flach; M. Pereira; S. Granville</i>		Optimal Design of Piezolaminated Structures using B-spline Strip Finite Element Models (p.139) <i>M. Ramos Loja; C. Mota Soares</i>		A Response Surface Method based Hybrid Optimizer (p.84) <i>M. Colaco; G. Dulikravich</i>		Optimal Mathematical Model of Hall-effect Sensor (p.58) <i>G. Villar Leandro; P. Pereira Borges; F. Salvadori; M. Campos; C. Rech; R. Figueiredo de Camargo</i>		A Genetic Algorithm with Evolutionary Path-relinking for the Sonet Ring Assignment Problem (p.47) <i>L. Bastos; L. Ochi</i>	
16:20-16:40	A Comparative Study of Two Forward Dynamic Programming Techniques for Solving the Local Thermal Unit Commitment Problem in Hydrothermal Scheduling <i>A. Diniz; G. Martinez; C. Sagastizábal</i>		Shape Optimisation of One Layer Lattice Shells using Simulated Annealing (p.140) <i>B. Orta</i>				Inverse Formulation for Stiffness Distribution Reconstruction in Laminated Elastic Plates (p.59) <i>D. Castello; R. Leiderman</i>		Markov Chain Analysis of Genetic Algorithms in a Noisy Environment (p.48) <i>T. Nakama</i>	

ENGOPT 2008 – Monday / Afternoon 02

Schedule	ENERGY		STRUCTURAL OPTIMIZATION		MATHPROG		IDENTIFICATION		ELECTRICAL	
	Room	Itaipu A	Room	Itaipu B	Room	São Conrado	Room	Guaratiba	Room	Samambaia
	Chaired by	Erlon Finardi	Chaired By	H. Rodrigues	Chaired By	S. Scheimberg	Chaired By	D. Castello	Chaired By	L. Lebensztajn
17:00-17:20	Comparison Between the Use of Energy Equivalent Reservoirs per Subsystem and per Cascade in the Long Term Operational Planning in Brazil (p.39) <i>V. Matos; E. Finardi; E. Silva</i>		Comparative Study of Surrugated - based Strategies for Optimum Design (p.140) <i>S. Bastos Afonso da Silva; B. Horowitz; M. Ferreira da Silva</i>		Solution Approaches for Solving Gene-environment Network Models - a Survey (p.82) <i>C. Pedamallu; G. Weber; S. Alparslan Gok</i>		System Identification Application on the Cold Rolling (p.59) <i>A. de Assis; G. Inácio; A. Cabral; J. de Gouvêa</i>		Multi-load Optimization in Electrical Engineering Design Part I: Simulation (p.31) <i>Z. Andjelic</i>	
17:20-17:40	Numerical Solutions to the Hydrothermal Coordination Problem Considering an Oligopolistic Market Structure (p.35) <i>A. Rubiales; P. Lotito; F. Mayorano</i>		Optimization of Adaptive Structures using a Third-order Theory (p.141) <i>J. Barbosa; C. Mota Soares; M. Ramos Loja</i>		An Interior-point Algorithm for Mixed Complementarity Problems (p.83) <i>J. Herskovits; S.. Mazorche; A. Canelas</i>		Parameter Estimation in Spatial Interaction Models by a Global Optimization Approach (p.59) <i>E. Cursi; E. Bez; M. Buss Gonçalves</i>		An Optimal Approach Dedicated to Energy Efficiency of Electrical Systems (p.30) <i>V. Mazauric; N. Maïzi</i>	
17:40-18:00	Multi-period Stage Definition for the Multi Stage Benders Decomposition Approach Applied to Hydrothermal Scheduling (p.32) <i>T. Norbiato; A. Diniz</i>		Optimization of a Composite Cylinder under Bending by Tailoring Stiffness Properties in Circumferential Direction (p.142) <i>A. Blom</i>		Inverse Problem for the Fractal-multifractal Model <i>N. Obregón</i>		Optimization of Equivalent Monopole Sets for the Simulation of Acoustic Scattering (p.60) <i>Y. Gounot; R. Musafir</i>			
18:00-18:20	Risk Management with Stochastic Dominance Models in Energy Systems with dispersed Generation (p.33) <i>R. Schultz</i>		Benefits of Implicit Redundant Representation Genetic Algorithms in Solving Conceptual Design, Damage Identification, and Sensor Layout Inverse Problems (p.142) <i>A. Raich</i>		An Augmented Lagrangean Relaxation/Aggregation Method in Nonconvex Programming (p.84) <i>L. Contesse</i>		An Efficient Method for Dynamic Load Identification based on Structural Response (p.57) <i>M. Kazemi; M. Hematiyan; K. Ghavami</i>			
18:20-18:40	Consideration of Gas Supply Contracts with Take-or-pay Clauses in the Brazilian Energy Mid-term Planning (p.36) <i>L. Moraes; C. Sagastizabal; M. Piñeiro Maceira</i>		A Methodology for Optimal Sizing of Reinforced Beam with T Section under Bending Moment (p.137) <i>G. Falcón; S. Garcia; V. Karam; M. Peixoto</i>		A Newton Based Algorithm for Nonlinear Optimization (p.78) <i>A. Canelas; J. Herskovits</i>		An Inverse Problem Solution based on Genetic Algorithms for Chromatography with Variants in Adsorbent Geometry (p.58) <i>M. Irizar Mesa; L. Cámara; A. da Silva Neto; O. Llanes Santiago; D. Marón Dominguez</i>			

ENGOPT 2008 – Tuesday / Morning 01

Schedule	OIL and GAS		TOPOLOGY		HEAT-MASS		MATERIALS		VIBRATIONS	
	Room	Itaipu A	Room	Itaipu B	Room	São Conrado	Room	Guaratiba	Room	Samambaia
	Chaired by	A. R. Secchi	Chaired By	M. Bendsoe	Chaired By	P. Duda	Chaired By	A. Araujo	Chaired By	C. M. Mota Soares
08:30-08:50	Comparison of Classic and Evolutionary Optimization Algorithms in the Estimating of the Directional Wave Spectrum based on the Motions of a Moored Ship (p.98) <i>J. Zavaleta Aguilar; J. Da Cruz</i>		Topological Sensitivity Analysis in Nonlinear Hyperelasticity Problems (p.144) <i>C. Leite Pereira; M. Bittencourt</i>		Optimum Heating of Pressure Components of Large Steam Boilers (p.51) <i>J. Taler ; D. Taler; P. Dzierwa</i>		Fe-cu Powder Mixture Variables Assessment of Generalized Cold Compaction Behaviour (p.74) <i>M. Barrera</i>		Optimal Design of Static and Dynamic Behaviour of Smart Composite Structures (p.153) <i>D. Marinova</i>	
08:50-09:10	Control of Subsurface Flow using Model Predictive Control Techniques (p.99) <i>E. Gildin; M. Wheeler</i>		Minimization of the Expected Compliance as an Alternative Approach to Multiload Truss Optimization (p.143) <i>C. Miguel; A. Felipe; B. Ivorra</i>		Measurement of Local Heat Flux to Membrane Water Walls in Steam Boilers (p.53) <i>P. Duda; J. Taler; B. Weglowski; W. Zima; S. Gradziel; T. Sobota; D. Taler</i>		Accounting Uncertainties in the Optimal Design of Multi-stage Hot Forging (p.75) <i>C. Ferreira de Castro; C. Conceição António; L. Costa Sousa</i>		An Optimization Model to Design Materials for Passive Vibration Control (p.154) <i>H. Rodrigues; L. Faria; Z. Dimitrova</i>	
09:10-09:30	Nonlinear Optimization for Reservoir Characterization (p.100) <i>D. Sinoquet; F. Delbos; T. Feng; J. Gilbert</i>		Optimum Topological Design for Mechanical Amplifying Mechanism Integrated in PZT Nano-positioning Stage (p.144) <i>C. Shih; K. Chen</i>		Optimal Cooling in Injection Molding (p.54) <i>V. Maag; K. Küfer</i>		Study of Influence of Sintering Temperature, and Al and Si Content in the Microstructure of Uo2 Produced to Inb Nuclear Fuel Assemblies (p.41) <i>R. Gonzaga; E. Souza Motta; C. de Matos; J. Gonçalves</i>		Damage Detection through of Observer State Approach <i>A. Cavalini Jr</i>	
09:30-09:50	Cover-based Cutting Planes for a Compressor Scheduling Problem: A computational Study (p.100) <i>E. Camponogara; M. de Castro</i>		Topology Optimization of 2D and 3D Elastic Structures using Boundary Elements (p.145) <i>A. Cisilino; C. Bertsch; L. Carretero Neches; N. Calvo</i>		Optimization of Heating and Cooling Operations of Steam Gate Valve (p.52) <i>P. Duda; R. Dwornicka</i>		Inverse Analysis of Springback in Sheet Metal Forming by Finite Element Method (p.76) <i>A. Behrouzi; M. Shakeri; B. Mollaei Dariani</i>		Equation-free Analysis of Parameter-dependencies in Mechanical Vibrations (p.154) <i>J. Starke</i>	
09:50-10:10	Geo-statistical Simulation of Porosity, Permeability, Fracture Parameters Distributions using Sgs and Sis Methods in Fractured Hydrocarbon Reservoirs (p.101) <i>A. Seifi; A. Etmnan</i>		Hierarchical Topology Optimization of Structures Subjected to Constraints on Material Design (p.145) <i>P. Coelho; P. Fernandes; J. Cardoso; J. Guedes; H. Rodrigues</i>		Application of Bayesian Filters to Heat Conduction Problems (p.54) <i>H. Orlande; M. Colaco; G. Dulikravich</i>		Computer Modeling of the Continuous Converting of Copper Matte (p.75) <i>H. Abuluwefa</i>		Dynamics of Disordered Periodic Structures: Homogenized Models (p.155) <i>G. Caruso; P. Bisegna</i>	

ENGOPT 2008 – Tuesday / Morning 02

Schedule	ENERGY		TOPOLOGY		MDO		ANALYSIS		SHAPE	
	Room	Itaipu A	Room	Itaipu B	Room	São Conrado	Room	Guaratiba	Room	Samambaia
	Chaired by	Alejandro Jofré	Chaired By	A. Novotny	Chaired By	J. I. Barbosa	Chaired By	A. Queizan	Chaired By	K. Bletzinger
10:30-10:50	Optimal Scenario Tree Reduction for Water Inflows (p.37) <i>W. Oliveira; C. Sagastizabal; D. Jardim Penna; M. Piñeiro Maceira; J. Damázio</i>		Topology Synthesis of Compliant Mechanisms using an Evolutionary Method (p.146) <i>R. Ansola; E. Veguería; J. Canales; A. Maturana</i>		Knowledge-based Modeling of Manufacturing Aspects in Structural Optimization Problems (p.94) <i>M. Huber; Ö. Petersson</i>		An Optimized Semianalytical Solution for the Deformation of Cylindrical Shells under Generalized Loads (p.12) <i>L. Romariz Madureira; F. Melo</i>		Inverse Regularization for Shape Optimization Problems (p.126) <i>M. Firl; R. Wüchner; K. Bletzinger</i>	
10:50-11:10	A Robust Approach to Handle Risk Constraints in Long and Mid-term Energy Planning of Hydro-thermal Systems (p.37) <i>C. Sagastizabal; V. Guigues</i>		Topological Derivative in Multi-scale Linear Elasticity Models (p.146) <i>S. Giusti; A. Novotny; E. de Souza Neto; R. Feijóo</i>		Optimization to Reduce Automobile Cabin Noise (p.95) <i>H. Thomas; D. Mandal; N. Pagaldipti</i>		Mesh Optimization Based on Diffuse Response Surfaces (p.12) <i>A. Rassineux; P. Breitkopf; P. Villon</i>		Parallel Shape Optimization of Three-dimensional Continua with High-order Finite Elements (p.128) <i>M. Baitsch; Y. Hu; D. Hartmann</i>	
11:10-11:30	Improvement in the Hydro Plants Production Function for the Mid-Term Operation Planning Model in Hydrothermal Systems <i>A. Diniz; F. Costa; A. Pimentel; L. Xavier; M. Maceira</i>		The Branch and Cut Method in the Plato-n Project (p.147) <i>M. Stolpe; N. Nguyen Canh; R. Stainko</i>		An Approach for Optimised Concurrent System Engineering (p.95) <i>Y. Pollet</i>		Simulation of Product's Grasping (p.22) <i>C. Antonya; Z. Rusak; C. Pozna</i>		Optimal Shape Design in Coastal Engineering : Applications to Harbors and Sandy Beaches Protection (p.128) <i>D. Isèbe; B. Mohammadi; P. Azerad; F. Bouchette</i>	
11:30-11:50	Cost-minimizing Regulations for a Wholesale Electricity Market (p.41) <i>A. Jofre</i>		Design of Functionally Graded Piezoelectric Transducers Maximizing Selective Eigenfrequency by using Topology Optimization Method (p.148) <i>W. Montealegre Rubio; E. Nelli Silva</i>		Analytical Target Cascading for Optimal Design of Railway Traction System (p.96) <i>F. Moussouni; S. Kruawan</i>		Parallel Solution of Contact Shape Optimization Problems Based on Domain Decomposition (p.126) <i>V. Vondrak; Z. Dostal; D. Horak; O. Vlach</i>		Electromagnetic Casting Inverse Problem (p.127) <i>J. Roche; A. Canelas; J. Herskovits</i>	
11:50-12:10	A Comparative Analysis of Methods based on Lagrangian Relaxation and Augmented Lagrangian to solve the Short-term Hydrothermal Scheduling Problem (p.39) <i>F. Yutaka Kuwabata Takigawa; E. Finardi; E. Silva</i>		Topology Optimization for Reinforced Shell Structures using the Element Connectivity Parameterization (p.148) <i>G. Yoon; M. Langelaar; F. van Keulen</i>				Parallel Computing on the Resolution of Nonlinear Programming Problems (p. <i>L. Alves de Oliveira; J. Lauro Faço</i>		Slim - Gal for Shape Optimization of Structures (p.125) <i>B. Katapadi Sripathi Rao</i>	

ENGOPT 2008 – Tuesday / Afternoon 01

Schedule	OIL and GAS		TOPOLOGY		MULTI-OBJ		RBDO		ELECTRICAL	
	Room	Itaipu A	Room	Itaipu B	Room	São Conrado	Room	Guaratiba	Room	Samambaia
	Chaired by	F. Delbos	Chaired By	M. Carrasco	Chaired By	J. Roche	Chaired By	H. Jensen	Chaired By	Z. Andjelic
15:00-15:20	Global Optimal Solutions for Reservoir Engineering Applications (p.102) <i>L. Guimarães; B. Horowitz; S. Bastos Afonso da Silva</i>		Plato-n: Developing Specialized Methods for Aeronautics Structural Design Applications (p.149) <i>M. Bendsoe; M. Stolpe</i>		Multicriteria Analysis based on Constructing Payoff Matrices and Methods of Decision Making in Fuzzy Environment (p.90) <i>P. Ekel; P. Bernardes; J. Kotlarewski; R. Parreiras; R. Palhares</i>		Reliability-based Structural Risk Optimization (p.117) <i>C. Verzenhassi; A. Beck</i>		Shape Optimization of a High-speed Magnetic Actuator (p.28) <i>L. Lebensztajn; L. Zavarez Barbosa; I. Chabu</i>	
15:20-15:40	A New Tool Providing an Integrated Framework for Process Optimization (p.103) <i>E. Cordeiro do Valle; R. de Pelegrini Soares; T. Fiorenzano Finkler; A. Secchi</i>		Manufacturing Constraints in Topology Optimization of Functionally Graded Materials and Structures (p.149) <i>S. Almeida; G. Paulino; E. Nelli Silva</i>		Efficient Method to Approximate and Explore the Pareto Optimal Set in Multiobjective Optimization (p.90) <i>T. Aittokoski; K. Miettinen</i>		Deterministic and Reliability-based Design Optimization of Reinforced Concrete Plane Frames (p.118) <i>A. Almeida; L. Vaz; M. Velasco</i>		Design and Analysis of Intelligent System of Electro-energetic Blocks Motion Management (p.29) <i>L. Kietlyka; R. Kuceba</i>	
15:40-16:00	Automated System for the Study of Environmental Loads Applied to Production Risers (p.103) <i>D. Brandt; C. Morooka</i>		An Objected Oriented Approach for Topology Optimization (p.150) <i>I. Menezes; C. Talischi; A. Pereira; R. Espinha; W. Celes; G. Paulino</i>		Utilizing Gradient Information in Multiobjective Optimization (p.91) <i>H. Ruotsalainen; E. Madetoja; J. Hämäläinen</i>		Reliability-based Topology Optimization of 3-d Structures using a Single Loop Strategy (p.118) <i>M. Silva; D. Tortorelli</i>		Global Discrete Optimal Design of Electromagnetic Devices based on 3D Finite Element Model (p.29) <i>T. Tran; S. Brisset; P. Brochet</i>	
16:00-16:20	Optimization of Gas Injection Allocation in a Multi Gas Lift Wells System (p.98) <i>D. Saepudin; P. Sukarno; E. Soewono; K. Sidarto; A. Gunawan; S. Siregar</i>		Topology Optimization with Wachspress and Voronoi Finite Elements (p.150) <i>G. Paulino; C. Talischi; A. Pereira; I. Menezes</i>		A Method for Simulation based Optimization using Radial Basis Functions (p.92) <i>A. Wojciechowski; M. Patriksson; S. Jakobsson</i>		Reliability-based Robust Topology Optimization (rb-rto) using Non-deterministic Numerical Approximations and a Hybrid Cellular Automaton Algorithm (p.119) <i>R. Diaz Ortega; A. Tovar</i>		Lambert W-function in Statistical Distributions and Reliability Analysis (p.30) <i>P. Rathie</i>	
16:20-16:40	Optimization of Paraffinic Oil Transmission (p.99) <i>S. Siregar; L. Mucharam; D. Sutikno; M. Yahya; A. Akbar</i>		Topological Sensitivity Analysis Applied to the Mass Minimization Problem under Material Failure Constraints (p.151) <i>A. Novotny; E. Fancello; A. Labanowski</i>		Modeling Strategies of Non-linear Dynamic Vibration Absorbers by using the Modified Bessel Functions and the Perturbation Methods (p. <i>R. Antonio Borges; A. de Lima; V. Steffen Jr.</i>		Reliability Analysis of a Helicopter Composite Armor using Stochastic Optimization Techniques <i>V. Santos</i>		Mixed-variable Optimal Design of Induction Motors including Efficiency, Noise and Thermal Criteria (p.30) <i>J. Le Besnerais; A. Fasquelle; V. Lanfranchi; M. Hecquet; P. Brochet</i>	

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Schedule	OIL and GAS / ENERGY		TOPOLOGY		BIO-MECH		RBDO		CIVIL	
	Room	Itaipu A	Room	Itaipu B	Room	São Conrado	Room	Guaratiba	Room	Samambaia
	Chaired by	D. Harursampath	Chaired By	M. Stolpe	Chaired By	L. Wrobel	Chaired By	L. Eloy Vaz	Chaired By	G. Allen
17:00-17:20	Optimal Design of a Gas Transmission Trunkline System (p.100) <i>J. Andre; F. Bonnans; M. Antunes</i>		On the First and Second Order Topological Asymptotic (p.152) <i>J. Rocha de Faria; A. Novotny</i>		A Model of Bone Adaptation as a Topology Optimization Process with Contact (p.20) <i>A. Andrade-Campos; J. Simões</i>		Knowledge Foundation for Optimization (p.120) <i>G. Allen</i>		Minimizing Wastes of Pile Driving Material with Support of a Simulated Annealing (p.25) <i>S. Choi; C. Kim; S. Han</i>	
17:20-17:40	The Problem of Reinforcing Regional Gas Transmission Networks: a Performance Study of Three Optimization Methods (p.102) <i>S. Pietrasz; M. Antunes; L. Cornibert</i>		Exact Analytical Solutions for Benchmark Problems in Probabilistic Topology Optimization (p.152) <i>G. Rozvany</i>		Inverse Formulations for the Detection of Size, Location and Parameters of Skin Tumours (p.20) <i>L. Wrobel; P. Partridge</i>		Reliability-based Optimization of Structural Systems under Stochastic Excitation (p.117) <i>H. Jensen</i>		Optimization of Highway Grade Line using the Simulated Annealing Method (p.26) <i>A. Stamos</i>	
17:40-18:00	A New Simulation Tool for Prediction of Optimum Pigging Schedule in Gas Transmission Pipeline <i>K. Adji Sidarto; L. Mucharam; R. Hadianiti; D. Sutikno; N. Rokib; R. Akbar; M. Ircham</i>		Level-set-based Topology Optimization using the Element-connectivity-parameterization Method (p.147) <i>N., van Dijk; G. Yoon; F. van Keulen; M. Langelaar</i>		Inverse Problem of Estimation of the Blood Perfusion Coefficient in Cancerous Tissues Subjected to Hyperthermic Treatments (p.21) <i>M. Colaco; C. Lopes; M. Costa de Souza; F. Scofano Neto; A. Caldeira; R. Guedes</i>		Robust Aeroelastic Optimization of Composite Helicopter Rotor (p.10) <i>S. Murugan; R. Ganguli; D. Harursampath</i>		Using Multicriteria Analysis to Aid Building Conception (p.26) <i>E. Castro; L. Bastos; J. Virgone</i>	
18:00-18:20	CEPEL's chain of Optimization Models for Setting the Energy Dispatch and Spot Price in the Brazilian Power System – Part I <i>A. C. Geber de Melo</i>		Free Material Optimization by Sequential Convex Programming Methods (p.151) <i>K. Schittkowski</i>		A Bone Remodelling Constitutive Model using Mathematical Programming (p.21) <i>M. Hecke; L. Rodrigues Carvalho; J. Oliveira Simões</i>		Reliability-based Optimization with System Reliability Constraints (p.119) <i>S. Mahadevan</i>		Constitutive Modelling of Concrete in 2D using Smeared Crack Model (p.26) <i>J. Brozovsky; M. Mynarz; O. Sucharda</i>	
18:20-18:40	CEPEL's chain of Optimization Models for Setting the Energy Dispatch and Spot Price in the Brazilian Power System – Part II <i>A. C. Geber de Melo</i>		Topology Optimization of Thermoelastic Structures using Level Set Method (p.143) <i>Q. Xia; M. Wang</i>		An Inverse Problem in Blood Flow Simulation (p.21) <i>L. Dumas</i>		Optimising the Reliability of Power Electronic Systems (p.119) <i>C. Bailey; H. Lu; T. Tilford</i>			

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Schedule	INDUSTRIAL APPLICATIONS		PROD-TRANSP		AEROSPACE		IMAGING	
	Room	Itaipu A	Room	Itaipu B	Room	São Conrado	Room	Guaratiba
	Chaired by	M. Bittencourt	Chaired by	S. Brisset	Chaired by	R. Botez	Chaired by	A. Vidard
08:30-08:50	Identification of a Coal Separation Process using a Soft Monitoring System with a Genetic Algorithm (p.65) <i>S. Cierpiz</i>		Simulation-based Risk Control as Part of Logistic Risk Management in the Supply Chain (p.105) <i>A. Selaouti; P. Nyhuis; R. Nickel</i>		Development of a Flexible MDO Framework for Aircraft Conceptual Design (p.7) <i>D. Neufeld</i>		Localization of Inclusions in Elastic Solids: An Approach with Shape Sensitivity Analysis and Level-set Method (p.61) <i>J. Mura; F. Jouve</i>	
08:50-09:10	The Use of Numerical Optimisation Techniques in Computational Fire Engineering Modelling based on an Evacuation Analysis Problem (p.65) <i>R. Machado Tavares</i>		Adoption of Suboptimum Solutions of the Original Objective Function Optimizing a Nonlinear Programming Model (p.105) <i>L. Alves; C. Alcantara Gomes</i>		Multi-objetive Design Optimization of a New Space Radiator (p.8) <i>A. Cuco; F. Luis de Sousa; V. Vlassov; A. da Silva Neto</i>		The Mapping Algorithm of Rectangular Vertex Chain Code from Thinned Binary Image (p.61) <i>L. Wulandhari; H. Haron; A. Mohammad</i>	
09:10-09:30	Design and Fuzzy Optimizing of Small Scale Power Plant's Network Structures (p.38) <i>R. Kuceba; L. Kieltyka</i>		An Analysis of Techniques to Generate Initial Solutions for Scatter Search Methods Applied to the Problem of Vehicle Routing with Simultaneous Delivery and Pickup (p.106) <i>N. Maquera Sosa; D. Abensur Gandelman; A. Parracho Sant'Anna</i>		Minimum Time Optimal Control for Multi Agents Systems (p.5) <i>F. Mora-Camino; G. Andrei; A. Doncescu</i>		Assimilation of Images in Numerical Models (p.62) <i>F. Le Dimet; A. Vidard; I. Souopgui; O. Titaud</i>	
09:30-09:50	Simulation-based Interactive Multiobjective Optimization in Wastewater (p.68) <i>J. Hakanen; K. Miettinen; K. Sahlstedt</i>		Cutting Process Optimization in Scenery of High Flexibility (p.106) <i>N. Lemos Coppini; N. Guilherme; E. Baptista; M. Bussab</i>		Structural and Multidisciplinary Optimisation at Airbus: State of the Art & Trends for the Future. Part 1. (p.10) <i>S. Grihon</i>		Imaging Buried Objects From Electromagnetic Data (p.62) <i>W. Muniz</i>	
09:50-10:10	New Visualization Aspects Related to Intelligent Solution Procedure in Papermaking Optimization (p.68) <i>E. Madetoja; H. Ruotsalainen; V. Mönkkönen</i>		Towards Interoperable X3D Models and Web-based Environments for Engineering Optimization Problems (p.107) <i>D. Vucinic; M. Pesut; A. Aksenov; Z. Mravak; C. Lacor</i>		Structural and Multidisciplinary Optimisation at Airbus: State of the Art & Trends for the Future. Part 2. (p.10) <i>S. Grihon</i>		A Principal Component Strategy for Estimating Motion in Video Sequences (p.63) <i>V. Estrela; S. Fernandes; J. de Assis</i>	

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<p>10:30-12:10</p>	<p>AEROSPACE Optimal Design of a Pressurized Fuselage Panel with a Cutout using Tow-placedsteered Fibers (p.10) <i>A. Alhajahmad; M. Abdalla; Z. Gürdal</i></p> <p>The Optimization of Exploiting Fatigue-life Reserves of the PZL-130 Orlik's Structure (p.5) <i>L. Andrzej; S. Klimaszewski; K. Marcin</i></p> <p>AUTOMOTIVE Torque Car Variator with Permanent Engagement of Cogwheels (p.17) <i>K. Ivanov</i></p> <p>Sacts: Smart Accident Or Collision Detection System (p.16) <i>A. Sabarathinam; Y. Karthikeyan; T. Kumar</i></p> <p>BIO-MECH Adaptative Control for Musculoskeletal Model (p.22) <i>R. Pergherx; V. Bottega</i></p> <p>CIVIL Evaluation of Behaviour Factor for Flag-shaped Hysteretic ModelsCivil Engineering (p.24) <i>D. Cardone; F. Ponzo; A. Di Cesare; B. Blonna</i></p> <p>Arching and Optimum Mixture Percentage of Materials in Karkkeh Dam; Iran (p.23) <i>M. Motamedi; M. Mir Mohammad Hosseini</i></p>	<p>CIVIL Parameter Selection and Convergence Analysis of the Pso Algorithm Applied to the Design of Risers (p.24) <i>A. de Pina; B. Pires de Lima; C. Albrecht; B. Pinheiro Jacob</i></p> <p>Progressive Approach to the Analysis of Post-tensioned Masonry Structures using Fem (p.23) <i>L. Kalocova; R. Cajka</i></p> <p>ELECTRICAL Optimization of Reverberation Chambers by Applying Working Volume as Figure of Merit (p.28) <i>S. Avila; M. Alves dos Santos Junior; D. Weinzierl; L. Lebensztajn; C. Sartori</i></p> <p>EVOLUTIONARY The Generalized Extremal Optimization with Real Codification (p.44) <i>I. Maimenti Leal Lopes; F. Luis de Sousa; L. Gadelha de Souza</i></p> <p>A New Genetic Algorithm for the Set Covering Problem (p.42) <i>S. Araujo; A. Constantino; A. Alves dos Santos</i></p> <p>A Computational Efficient Pso Algorithm for Optimal Engineering Design (p.48) <i>L. Correia de Oliveira; S. Bastos Afonso da Silva; R. Brito Willmersdorf</i></p>	<p>EVOLUTIONARY Analysis of Selection and Crossover Methods used by Genetic Algorithm-based Heuristic to solve the Lsp Allocation Problem in Mpls Networks under Capacity Constraints (p.45) <i>A. Vivas Andrade; L. de Errico; C. Nogueira de Resende Barbosa; A. Aquino; L. Pereira de Assis</i></p> <p>Big Crunch Optimization Method (p.42) <i>M. Kripka; R. Luvezute Kripka</i></p> <p>Assessing the Performance of Chaotic Differential Evolution Algorithms (p.46) <i>L. Oliveira-Lopes; F. Lobato; V. Steffen Jr.</i></p> <p>High Technology Innovation Management Model using Fuzzy Logic (p.50) <i>A. Wrzalik; L. Kieltyka; R. Kuceba</i></p> <p>HEAT-MASS Residual Life Prediction of Selected Thick-walled Pressure Elements in Power Plants (p.53) <i>P. Osocha; B. Weglowski</i></p> <p>Optimal Heat Exchanger Network Synthesis using Particle Swarm Optimization (p.54) <i>M. Ravagnani; A. Silva; E. Biscaia; J. Caballero</i></p>	<p>HEAT-MASS Numerical Analysis of the Fluid Flow Behavior and Heat Transfer Over the Multi-Curved Vertical Walls (p.51) <i>M. Salmanpour; O. Nourani Zonouz</i></p> <p>IMAGING Low-loss Image Compression Techniques for Artificial Neural Network Training: a Comparative Study of Cutting Tool Lifetime Predicting (p.62) <i>F. Pereira; R. Espírito-Santo; M. Santos; E. Baptista; N. Lemos Coppini</i></p> <p>INDUSTRIAL APPLICATIONS A Comparison of Some Optimization Methods When Applied to the Three-phase Catalytic Slurry Reactor for Real Time Implementation (p.70) <i>D. Melo; E. Vasco de Toledo; A. Pinto Mariano; C. Bastos Borba Costa; R. Maciel Filho</i></p> <p>Optimization the Flexible Design of Experiment (p.70) <i>A. Skowronek</i></p> <p>Optimization of a Membrane Reactor for Hydrogen Production through Methane Steam Reforming using Factorial Planning and Dircol (p.66) <i>A. Assis; L. Silva; V. Murata; C. Hori</i></p>	<p>INDUSTRIAL APPLICATIONS The Corporate Network Optimization in Implementation of Computer Supported Collaborative Work (p.73) <i>P. Kobis</i></p> <p>Evaluation of Control Strategies for Acrylic Acid Synthesis: Real-time Two-layer Optimization Approach (p.67) <i>B. Lunelli; D. Melo; E. Vasco de Toledo; R. Maciel Filho</i></p> <p>Performance Analysis of Parallel and Serial Arithmetic Operators for Fuzzy Logic Processors Implementation Over Fpga (p.72) <i>S. Iregui Garcia; D. Linares</i></p> <p>MATERIALS An Integrated Methodology for Parameter Identification and Shape Optimization in Metal Forming and Structural Applications (p.75) <i>A. Andrade-Campos; J. Carvalho; P. Cruz; R. Valente; A. Andrade-Campos</i></p> <p>MATHPROG An Educational Java-multimedia Tool for Teaching Optimization in Engineering (p. 79) <i>L. Lebensztajn; S. Avila</i></p> <p>Parallel Solving of Faipa Method (p.82) <i>Q. Angel; G. Patricia; V. Sonzogni</i></p>
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<p>10:30-12:10</p>	<p>MDO Cfd-based Wing Shape Optimization Through Gradient-based Method (p.95) <i>S. Giraldo; M. Garcia; P. Boulanger</i></p> <p>MECH-ENG Mechanical Capacity of Bonded Metal Joints in the Tropical Conditions of North Sumatera - Indonesia (p.85) <i>D. Herak; M. Muller; J. Karansky; O. Dajbych</i></p> <p>About Two Possibilities of Gyroscopic Stabilisation of a Vibroisolationssystem with More Degrees of Freedom (p.89) <i>J. Skliba</i></p> <p>D' Alembert's Supplemented Principle and Newton's Five Supplemented Laws (p.85) <i>A. Stepniewski</i></p> <p>Exploration of Movement of Sheet Material in Rolling Pair (p.86) <i>K. Bahadirov; G. Bahadirov; D. Bahadirov</i></p> <p>CFD Analysis on the Influence of Converging Duct Angle on the Steam Ejector Performance (p.88) <i>T. Utomo; M. Ji; P. Kim; H. Jeong; H. Chung</i></p> <p>Numerical Simulation of Bubble's Motion in Vertical Tube (p.88) <i>X. Li</i></p>	<p>OIL AND GAS Optimization of Real Asset Portfolio using Coherent Risk Measure: Application to Oil & Energy Industries (p.101) <i>S. Bruno; C. Sagastizabal</i></p> <p>Model of the Dam with Semi-permeable Bottom (p.103) <i>A. Leontiev; O. Piermatei Filho</i></p> <p>Ahp and ANP Methods in Analysis of Environmental Impact of Traffic and Transport Infrastructure (p.115) <i>H. Brozova; T. Subrt; M. Ruzicka</i></p> <p>PROD-TRANSP Operational System Analysis on Iron Ore Exportation in Rio de Janeiro (p.113) <i>J. Barroso; R. Pires Doria; J. Correa; M. Rezende Filho; S. Cunha</i></p> <p>Optimum Allocation and Risk Measure in an Asset Liability Management Model for a Pension Fund Via Multi-stage Stochastic Programming and Bootstrap (p.116) <i>D. Michel Valladão; A. Veiga</i></p> <p>A Model based in Voronoi Diagrams Find the Best Bus-stop Spacing to Minimize the Total Travel Time of the Travelers (p.112) <i>H. Oliveira; M. Buss Gonçalves; A. Novaes; E. Cursi</i></p>	<p>PROD-TRANSP A Method based on Iterated Local Search; Variable Neighborhood Descent and Tabu Search for the Integrated Vehicle and Crew Scheduling Problem (p.114) <i>M. Souza; G. Silva; S. Ribas; I. Coelho</i></p> <p>Automated Control Variables Parameterization on Dynamic Optimization Problem (p.109) <i>S. de Souza; A. Secchi</i></p> <p>RBDO Application of Reliability Analysis in Pipelines with Defects Caused by Corrosion (p.120) <i>J. von Schmalz Torres; S. Bastos Afonso da Silva; L. Vaz</i></p> <p>SHAPE Shape Optimization of Metal Plates Subject to Blast Pressure Loading (p.126) <i>A. Belegundu; S. Rajan</i></p> <p>Optimization of Step-formed Functionally Graded Panel (p.125) <i>J. Kim; K. Na</i></p> <p>SOLID-MECH Elastic Properties of Cold Rolled Aluminium Plates with Irregular Shape by Dynamic Testing (p.131) <i>L. Pagnotta; G. Stigliano; M. Alfano</i></p>	<p>SOLID-MECH The Influence of Nonlinear Viscoelasticity to the Stress-strain Condition of Shells and Plates with Account of Transversal Shear (p.132) <i>E. Bezoyan; V. Sarkisyan; M. Grigoryan</i></p> <p>Identification Strategy for Highly Non-linear Behaviours. Application for Composite Materials (p.133) <i>L. Boubakar; S. Carbillet</i></p> <p>Optimization of the Diagram Load-deformation of Various Materials (p.130) <i>T. Duishenaliyev; A. Jakyzbekov; M. Chynybaev</i></p> <p>STRUCTURAL OPTIMIZATION Optimization of Piezoelectric Actuators for Manipulators with Flexible Non-prismatic Links (p.141) <i>V. Bottega; A. Molter; J. Fonseca; R. Pergher</i></p> <p>Optimization under Uncertainty Via Cometboards (p.139) <i>X. Wei</i></p> <p>Structural Optimization of 3D Trusses using GA and SQP Algorithms under Static Loading.(p.141) <i>M. Pipelzadeh</i></p>	<p>TOPOLOGY Structural Topology Optimization of Assemblies (p.149) <i>C. Camacho Lopez; A. Tovar</i></p> <p>Free Material Optimization with an Engineering Model <i>M. Aroztegui; J. Herskoviits</i></p> <p>VIBRATIONS Dynamic Response of a Single Degree of Freedom (sdof) System in Some Special (p.153) <i>K. Kazakov</i></p> <p>Structural Health Monitoring in Smart Structures using Lamb Waves Approaches (p.155) <i>V. Ramos Franco; D. Domingues Bueno; A. Aparecido Cavalini Junior; V. Lopes Junior; C. Gonsales; E. Araujo Perini</i></p>
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Schedule	INDUSTRIAL APPLICATIONS		PROD-TRANSP		AUTOMOTIVE		IMAGING	
	Room	Itaipu A	Room	Itaipu B	Room	São Conrado	Room	Guaratiba
	Chaired by	S. Rajan	Chaired By	D. Vucinic	Chaired By	D. Sinoquet	Chaired By	H. Haron
15:00-15:20	Optimization in Content Distribution Networks (69) <i>T. Neves; L. Ochi; L. Drummond; E. Uchoa; C. Albuquerque</i>		Capital Allocation in Companies (p.107) <i>F. Wriggers; P. Fronia; P. Nyhuis</i>		Optimization of a Superconducting Magnetic Rail using a Feasible Direction Interior Point Algorithm (p.14) <i>E. Souza Motta; R. Stephan; J. Herskovits; H. Cortés; G. Sotelo; D. Dias</i>		Design of Electrodes Applied to Electrical Impedance Tomography using the Topology Optimization Method (p.63) <i>L. Motta Mello; E. Nelli Silva</i>	
15:20-15:40	Multi-objective Topology Optimization of 2D Trusses using Genetic Algorithms (p.69) <i>D. Mauricio Sánchez; G. Rodríguez Zamalloa</i>		A Framework for Supply Chain Design (p.107) <i>P. Fronia; F. Wriggers; P. Nyhuis</i>		Modelling, Simulation and Simulation based Optimization of Fuel Systems for Natural Gas Powered Engines (p.15) <i>D. Huebner; H. Ortwig</i>		Inverse Problem Solution in Electrical Capacitance Tomography using Monotonicity and Least Squares Methods (p.64) <i>G. Steiner; C. Wallinger; D. Watzenig</i>	
15:40-16:00	Rotating Machinery Vibration Control based on Poles Allocation using Magnetic Actuators (p.154) <i>E. Araujo Perini; D. Domingues Bueno; C. Marqui; V. Lopes Junior; L. Nascimento</i>		Tricoord+ : an Model for Conflict Resolution in Multiagent Systems (p.108) <i>J. Placca; I. Dutra; A. Garcia</i>		Product Configuration as a Multi-objective Optimization Problem (p.15) <i>P. Lindroth</i>			
16:00-16:20	Design Optimization of Eot Crane Bridge (p.67) <i>R. Zuberi; L. Kai</i>		Project Management: Multiple Resources Allocation (p.108) <i>A. Tereso; M. Araújo; R. Moutinho; S. Elmaghraby</i>		Optimization for Engine Calibration (p.15) <i>D. Sinoquet; H. Langouët; L. Métivier; Q. Tran</i>			
16:20-16:40	A Study on Backflush Model for Reliability Theory to Input-output Table (p.71) <i>J. Su</i>		Logistic Terminals as Strategic Alternatives for Congested Urban Areas <i>C. Faria</i>		Design Optimisation and Optimal Control for Hybrid Vehicles (p.16) <i>G. Rousseau; D. Sinoquet; Y. Milhau</i>			

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Schedule	INDUSTRIAL APPLICATIONS		PROD-TRANSP		AUTOMOTIVE		SOLID-MECH	
	Room	Itaipu A	Room	Itaipu B	Room	São Conrado	Room	Guaratiba
	Chaired by	J. Herskovits	Chaired by	P.Lotito	Chaired by	D. Huebner	Chaired by	S. Bastos
17:00-17:20	Application of the Mathematical Model of Optimization for Mixed Projects in a Builder (p.114) <i>J. Medina Cepeda</i>		A Tabu Search Heuristic for the Dynamic Space Allocation Problem (p.110) <i>G. Silva; T. Ferreira; P. Boaventura-Netto; L. Ochi; T. Alves Costa</i>		Surrogate Models with Kriging and Pod for the Optimization of an Intake Port (p.18) <i>P. Breitkopf; R. Filomeno Coelho; P. Villon; M. Sidorkiewicz</i>		Damping Optimization of Viscoelastic Laminated Sandwich Composite Structures (p.129) <i>A. Araujo; C. C. Mota Soares; C.A. Mota Soares; J. Herskovits</i>	
17:20-17:40	Optimisation Methodology for Risk Mitigation in Advanced Micro-system Electronics Manufacturing (p.69) <i>Y. Tang; C. Bailey; S. Stoyanov</i>		A New Effective Hybrid Evolutionary Algorithm for Drctsp (p.110) <i>A. Villela da Silva; L. Ochi; H. Santos</i>		Robust Multi-objective Optimization of an Active Vehicle Suspension System using Simplified Models and Evolutionary Techniques (p.17) <i>B. Loyer; L. Jézéquel</i>		Small Amplitude Homogenization Applied to Inverse Problems in Linearized Elasticity (p.130) <i>S. Gutiérrez; J. Mura</i>	
17:40-18:00	Prediction of Tool Elastic Deflections under Cutting Forces in End Milling Operation on Steel Aisi 1045 (p.66) <i>H. Namazi</i>		Genetic Programming Optimization in Wireless Sensor Network Energy Consumption (p.111) <i>G. Delfino; A. Pedroza</i>		Sensitivity Analysis of Dynamic Behavior (ride & Handling) of Passenger Car By Doe Method and Its Optimization (p.14) <i>A. Mohammad Panah</i>		Optimal Design of High-strength Fibre-reinforced Composites in Thermoelastic Range (p.132) <i>I. Dobovsek</i>	
18:00-18:20	Evaluation of Delamination Damages on Composite Plates using Techniques of Image Processing and Analysis and a Backpropagation Artificial Neural Network (p.71) <i>V. Albuquerque; J. Tavares; L. Durão</i>		One Dimensional Cutting Stock Problem with Redevelopment of the Surplus Material (p.111) <i>S. Sallaume; M. de Souza Alves Silva; M. Mine; L. Ochi; M. Souza; A. Plastino; S. Lima Martins</i>		Aluminum Application in Automotive Body Panels and Stamping Process Optimization (p.18) <i>A. Tavakkoli Lahijani</i>		Slope Stability and Limit Analysis (p.133) <i>M. Carrion; L. Vaz; J. Herskovits</i>	
18:20-18:40	Assessment of Particle Swarm and Genetic Algorithm in Hybrid Algorithms for Batch Cooling Crystallization Real Time Optimization (p.72) <i>C. Bastos Borba Costa; R. Maciel Filho</i>		The Optimum Design of the General Control Chart (p.112) <i>F. Aparisi; L. LLuch; M. de Luna</i>		Optimal Vibration Control of a Rotating Beam using Moving Masses <i>A. Fleury; E. Terceiro</i>		Material Optimization with Mixed Variables based on Genetic Algorithm (p.139) <i>D. Bassir; X. Tang; W. Zhang</i>	

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	Chaired by	M. A. Loja	Chaired by	F. Mora-Camino	Chaired by	Robert Mifflin	Chaired by	M. Manzanares
08:30-08:50	The Adaptive Block Relaxation Method for Ill-conditioned Problems in Plasticity and Nonlinear Elasticity (p.129) <i>I. Brigadnov</i>		Monitoring Process Steps using Vssi Ewma Control Charts (p.116) <i>S. Yang</i>		Globally Convergent Limited Memory Bundle Method for Bound Constrained large-scale Nonsmooth Optimization (p.78) <i>N. Karmitsa</i>		Hybrid Navier-stokes Solutions for Global Aerodynamical Optimal Shape Design (p.3) <i>A. Nastase</i>	
08:50-09:10	Constitutive Characterization of Composite Materials Via System Response Refactoring and Data-driven Energy Decomposition (p.131) <i>J. Michopoulos; T. Furukawa; J. Hermanson</i>		Optimal Control based Heuristics for Congestion Reduction in Traffic Networks (p.114) <i>P. Lotito; F. Mayorano; A. Rubiales</i>		Improvements for a Vu-algorithm for Convex Minimization (p.81) <i>R. Mifflin; C. Sagastizabal</i>		Accelerating Controlled Random Search Algorithms using a Distribution Strategy (p.4) <i>N. Manzanares-Filho</i>	
09:10-09:30	Detection of Holes in a Plate using Global Optimization and Parameter Identification Techniques (p.133) <i>P. Lopes; A. Jorge; S. Cunha Jr.</i>		Optimization of Network Traffic Measurement: a Semidefinite programming Approach (p.73) <i>G. Sagnol; M. Bouhtou; S. Gaubert</i>		An Inexact Proximal Method with Variable Metric for Convex Second-order Programming and Application to Structural Optimization (p.81) <i>J. Lopez; F. Alvarez; H. Ramirez</i>		Aerodynamic Force Optimization for Aircraft (p.4) <i>R. Botez</i>	
09:30-09:50	Optimization of Composite Patch Repair Processes with the Use of Genetic Algorithms (p.6) <i>T. Papathanassiou; S. Filopoulos; G. Tsamasphyros</i>		An Optimization Approach for Long Term Planning of Multimodal Freight Transportation Systems (p.115) <i>F. Mora-Camino; M. Autran Burlier Drummond; A. Alou Oumarou; A. Lopes Pereira</i>		Recent Progress in Nonlinear Model Predictive Control (p.83) <i>H. Bock</i>		Reduced Models for Coupled Aerodynamic and Structural Optimization of a Flexible Wing (p.94) <i>R. Filomeno Coelho; P. Breitkopf; C. Knopf-Lenoir</i>	
09:50-10:10	A General Optimization Methodology for Ballistic Panel Design <i>S. Rajan</i>		A Multi Agent Systems Approach for Aircraft Emergency Evacuation <i>M. Poudel; R. Kaffa-Jackou; F. França; F. Mora-Camino</i>		Continuous Time Optimal Hydrothermal Scheduling <i>F. Bonnans; S. Aronna; A. Lotito</i>		Multiobjective Laminar-flow Airfoil Shape Optimization using a Controlled Random Search Algorithm (p.3) <i>B. Silva de Sousa; N. Manzanares-Filho; A. Jorge</i>	

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	Room	Itaipu A	Room	Itaipu B	Room	São Conrado	Room	Guaratiba
	Chaired by	M. Colaço	Chaired by	L. Satoru Occhi	Chaired by	S. Grihon	Chaired by	N. Karmitsa
10:30-10:50	Artificial Neural Networks and Genetic Algorithms in Engineering Design (p.86) <i>J. Majak; M. Pohlak; M. Eerme; R. Küttner; K. Karjust</i>		A Distributed Computing Model Applied in the Resolution of Combinatorial Optimization Problems (p.49) <i>J. Silva; N. Soma; F. Vieira; B. Silva</i>		A Hybrid Multilevel Approach for Aeroelastic Optimization of Composite Wing-box (p.8) <i>L. Chiwiacowsky; P. Gasbarri; L. Chiwiacowsky; H. de Campos Velho</i>		Multi-objective Resource-constrained Project Scheduling (p.92) <i>J. Alcaraz; R. Ruiz</i>	
10:50-11:10	Further Developments for the Error Function for the Kinematical Synthesis of Mechanisms using Genetic Algorithms (p.87) <i>I. Fernández de Bustos; J. Agirrebeitia; R. Aviles</i>		A Unified Framework for Evolutionary Optimization with Application to Structural Engineering (p.49) <i>S. Dogruel; O. Lavan; G. Dargush</i>		Optimizing Multilayer Composite Materials for Aircraft Design using Evolutionary Algorithms (p.9) <i>J. Peña; S. Muelas; P. de Miguel; V. Robles; A. LaTorre; K. Muzhetskaya</i>		Dts Optimization: a New Algorithm for Multi-objective Problems based on the Goal Attainment Method (p.93) <i>R. Guilherme Duraiski; A. Secchi; J. Trierweiler</i>	
11:10-11:30	A Finite Element based Methodology for Inverse Problem of Determining Contact Forces using Measured Displacements (p.13) <i>R. Gu; J. Song</i>		Redefining Mutation Probabilities for Evolutionary Optimization Problems (p.39) <i>R. Aggarwal</i>		Determination of Initial Orbits of Satellites after Faulty Launches (p.9) <i>E. Kostina</i>		Multi-objective Optimization with Finite Element Model in Electrical Engineering (p.93) <i>F. Moussouni; T. Tran; S. Brisset; P. Brochet</i>	
11:30-11:50	Parameter Identification of a Rotor on Lubricated Journal Bearings (p.87) <i>D. Guida; V. D'Agostino; A. Ruggiero</i>		Solution of Inverse Radiative Transfer Problems in Two-layer Participating Media with Differential Evolution (p.52) <i>F. Lobato; A. da Silva Neto; V. Steffen Jr.</i>		Optimal Bonded Composite Patch for an Aircraft Skin Around a Cutout (p.7) <i>S. H; D. Harursampath</i>			
11:50-12:10	Design and Performance of Pressure Drop and Flow Distribution to the Channel in Plate Heat Exchanger (p.87) <i>Z. Jin; G. Park; Y. Lee; S. Choi; H. Chung; H. Jeong</i>				Optimization, Actuator Failure, Control Allocation, Aircraft (p.6) <i>F. Mora-Camino; G. Andrei; A. Doncescu</i>			

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 Küttner, R. - Thu 10:30
 Labanowski, A. - Tue 16:20
 Lache, I. - Mon 11:10
 Lacor, C. - Wed 09:50
 Lanfranchi, V. - Tue 16:20
 Langelaar, M. - Mon 11:10
 Langelaar, M. - Tue 11:50
 Langelaar, M. - Tue 17:40
 Langouët, H. - Wed 16:00
 LaTorre, A. - Thu 10:50
 Lauro Faço, J. - Tue 11:50
 Lavan, O. - Thu 10:50
 Le Besnerais, J. - Tue 16:20
 Le Dimet, F. - Wed 09:10
 Lebensztajn, L. - Tue 15:00
 Lebensztajn, L. - Wed 10:30
 Lee, Y. - Thu 11:50
 Leiderman, R. - Mon 16:20
 Leite Pereira, C. - Tue 08:30
 Lemonge, A. - Mon 15:20
 Lemos Coppini, N. - Wed 09:30
 Lemos Coppini, N. - Wed 10:30
 Lenoir, A. - Mon 15:00
 Leontiev, A. - Wed 10:30
 Li, X. - Wed 10:30
 Lima de Campos Castro, S. - Mon 11:50
 Lima Martins, S. - Wed 18:00
 Linares, D. - Wed 10:30
 Lindroth, P. - Wed 15:40
 Liu, Z. - Mon 11:10
 Llanes Santiago, O. - Mon 18:20
 Lluch, L. - Wed 18:20
 Lobato, F. - Thu 11:30
 Lobato, F. - Wed 10:30
 Lotito, P. - Thu 09:50
 Lopes Junior, V. - Wed 10:30
 Lopes Junior, V. - Wed 15:40

Lopes Pereira, A. - Thu 09:30
 Lopes, C. - Tue 17:40
 Lopes, L. - Mon 15:40
 Lopes, P. - Thu 09:10
 Lopez, E. - Mon 15:40
 Lopez, J. - Thu 09:10
 Lopez, R. - Mon 11:30
 Lotito, P. - Mon 17:20
 Lotito, P. - Thu 08:50
 Loureiro dos Santos, M. - Mon 11:30
 Loyer, B. - Wed 17:20
 Lu, H. - Tue 18:20
 Luis de Sousa, F. - Wed 08:50
 Luis de Sousa, F. - Wed 10:30
 Lunelli, B. - Wed 10:30
 Luvezute Kripka, R. - Wed 10:30
 Maag, V. - Tue 09:10
 Maceira, M. - Mon 11:50
 Maceira, M. - Tue 11:10
 Machado Tavares, R. - Wed 08:50
 Maciel Filho, R. - Wed 10:30
 Maciel Filho, R. - Wed 18:20
 Madetoja, E. - Tue 15:40
 Madetoja, E. - Wed 09:50
 Mahadevan, S. - Tue 18:00
 Mainenti Leal Lopes, I. - Wed 10:30
 Maizi, N. - Mon 17:20
 Majak, J. - Thu 10:30
 Mandal, D. - Tue 10:50
 Manzanares-Filho, N. - Thu 08:50
 Manzanares-Filho, N. - Thu 09:50
 Maquera Sosa, N. - Wed 09:10
 Marcato, A. - Mon 15:40
 Marcek, D. - Mon 15:00
 Marcek, M. - Mon 15:00
 Marcin, K. - Wed 10:30
 Marinova, D. - Tue 08:30
 Marón Domínguez, D. - Mon 18:20
 Marques Marcato, R. - Mon 11:50
 Marqui, C. - Wed 15:40
 Martínez, M. - Mon 16:20
 Matos, V. - Mon 17:00
 Maturana, A. - Tue 10:30
 Mauricio Sánchez, D. - Wed 15:20
 Mayorano, F. - Mon 17:20
 Mayorano, F. - Thu 08:50
 Mazauric, V. - Mon 17:20
 Mazorche, S. - Mon 17:20
 Medina Cepeda, J. - Wed 17:00
 Melo, D. - Wed 10:30
 Melo, F. - Tue 10:30
 Menezes, I. - Mon 15:40
 Menezes, I. - Tue 16:00
 Métivier, L. - Wed 16:00
 Michaels, D. - Mon 11:30
 Michaels, D. - Mon 15:00
 Michel Valladão, D. - Wed 10:30
 Michopoulos, J. - Thu 08:50
 Miettinen, K. - Tue 15:20
 Miettinen, K. - Wed 09:30
 Mifflin, R. - Thu 08:50
 Miguel, C. - Tue 08:50
 Milhau, Y. - Wed 16:20
 Mine, M. - Wed 18:00
 Mir Mohammad Hosseini, M. - Wed 10:30
 Mohammad Panah, A. - Wed 17:40
 Mohammad, A. - Wed 08:50
 Mohammadi, B. - Tue 11:10
 Mollaei Dariani, B. - Tue 09:30
 Molter, A. - Wed 10:30
 Mönkkönen, V. - Wed 09:50
 Montealegre Rubio, W. - Tue 11:30
 Montenegro, F. - Mon 15:00
 Mora-Camino, F. - Wed 09:10
 Mora-Camino, F. - Thu 09:30
 Mora-Camino, F. - Thu 09:50
 Mora-Camino, F. - Thu 11:50
 Moraes, L. - Mon 18:20
 Morooka, C. - Tue 15:40
 Mota Soares, C. - Mon 16:00
 Mota Soares, C. - Mon 17:20
 Mota Soares, C. - Wed 17:00
 Mota Soares, C. - Wed 17:00
 Mota Soares, C. - Wed 17:00
 Motamedi, M. - Wed 10:30
 Motta Mello, L. - Wed 15:00
 Moura Brito, J. - Mon 15:00
 Moussouni, F. - Thu 11:10
 Moussouni, F. - Tue 11:30
 Moutinho, R. - Wed 16:00
 Mravak, Z. - Wed 09:50
 Mucharam, L. - Tue 16:20
 Mucharam, L. - Tue 17:40
 Muellas, S. - Thu 10:50
 Muller, M. - Wed 10:30
 Muniz, W. - Wed 09:30
 Mura, J. - Wed 08:30
 Mura, J. - Wed 17:20
 Murata, V. - Wed 10:30
 Murugan, S. - Tue 17:40
 Musafir, R. - Mon 17:40
 Muzhetskaya, K. - Thu 10:50
 Mynarz, M. - Tue 18:00
 Na, K. - Wed 10:30
 Nakama, T. - Mon 16:20
 Namazi, H. - Wed 17:40
 Narvaez, C. - Mon 11:30
 Nascimento, L. - Wed 15:40
 Nastase, A. - Thu 08:30
 Navarro, J. - Mon 15:40
 Nelli Silva, E. - Tue 11:30
 Nelli Silva, E. - Tue 15:20
 Nelli Silva, E. - Wed 15:00
 Neufeld, D. - Wed 08:30
 Neves, F. - Mon 15:00
 Neves, T. - Wed 15:00
 Nguyen Canh, N. - Tue 11:10
 Nickel, R. - Wed 08:30
 Nogueira de Resende Barbosa, C. - Wed 10:30
 Norbiato, T. - Mon 17:40
 Nourani Zonouz, O. - Wed 10:30
 Novaes, A. - Wed 10:30
 Novotny, A. - Tue 10:50
 Novotny, A. - Tue 16:20
 Novotny, A. - Tue 17:00
 Nyhuis, P. - Wed 08:30
 Nyhuis, P. - Wed 15:00
 Nyhuis, P. - Wed 15:20
 Obregón, N. - Mon 17:40
 Ochi, L. - Mon 15:00
 Ochi, L. - Mon 16:00
 Ochi, L. - Wed 15:00
 Ochi, L. - Wed 17:00
 Ochi, L. - Wed 17:20
 Ochi, L. - Wed 18:00
 Oliveira Simões, J. - Tue 18:00
 Oliveira, E. - Mon 15:40
 Oliveira, H. - Wed 10:30
 Oliveira, L. - Mon 15:40
 Oliveira, W. - Tue 10:30
 Oliveira-Lopes, L. - Wed 10:30
 Orlande, H. - Tue 09:50
 Orta, B. - Mon 16:20
 Ortwig, H. - Wed 15:20
 Osocha, P. - Wed 10:30
 Pagaldipti, N. - Tue 10:50
 Pagnotta, L. - Wed 10:30
 Palhares, R. - Tue 15:00
 Palizzolo, L. - Mon 10:50
 Papathanassiou, T. - Thu 09:30
 Park, G. - Thu 11:50
 Parracho Sant'Anna, A. - Wed 09:10
 Parreiras, R. - Tue 15:00
 Partridge, P. - Tue 17:20
 Patricia, G. - Wed 10:30
 Patriksson, M. - Tue 16:00
 Paulino, G. - Tue 15:20
 Paulino, G. - Tue 15:40
 Paulino, G. - Tue 16:00
 Peadamallu, C. - Mon 17:00
 Pedroza, A. - Wed 17:40
 Peixoto, M. - Mon 18:20
 Pellegrino, S. - Mon 11:30
 Peña, J. - Thu 10:50
 Peña, J. - Thu 10:50
 Pereira Borges, P. - Mon 16:00
 Pereira de Assis, L. - Wed 10:30
 Pereira, A. - Tue 15:40
 Pereira, A. - Tue 16:00
 Pereira, F. - Wed 10:30
 Pereira, M. - Mon 15:20
 Pereira, M. - Mon 16:00
 Pergher, R. - Wed 10:30
 Pesut, M. - Wed 09:50
 Petersson, Ö. - Tue 10:30
 Philpott, A. - Mon 10:50
 Piermatei Filho, O. - Wed 10:30
 Pietrasz, S. - Tue 17:20
 Piñeiro Maceira, M. - Mon 18:20
 Piñeiro Maceira, M. - Tue 10:30
 Pinheiro Jacob, B. - Wed 10:30
 Pinto Mariano, A. - Wed 10:30
 Pipelzadeh, M. - Wed 10:30
 Pires de Lima, B. - Wed 10:30
 Pires Doria, R. - Wed 10:30
 Placca, J. - Wed 15:40
 Plastino, A. - Wed 18:00
 Pohlak, M. - Thu 10:30
 Pollet, Y. - Tue 11:10
 Ponzo, F. - Wed 10:30
 Poudel, M. - Thu 09:50
 Pozna, C. - Tue 11:10
 Pruença, R. - Mon 15:40
 Purcina, L. - Mon 10:50
 Raich, A. - Mon 18:00
 Rajan, S. - Thu 09:50
 Rajan, S. - Wed 10:30
 Ramirez, H. - Thu 09:10
 Ramos Franco, V. - Wed 10:30
 Ramos Loja, M. - Mon 16:00
 Ramos Loja, M. - Mon 17:20
 Rassineux, A. - Tue 10:50
 Rathie, P. - Tue 16:00
 Ravagnani, M. - Wed 10:30
 Razzaghi, M. - Mon 15:20
 Rech, C. - Mon 16:00
 Reich, D. - Mon 15:40
 Rezende Filho, M. - Wed 10:30
 Ribas, S. - Wed 10:30
 Robles, V. - Thu 10:50
 Rocha de Faria, J. - Tue 17:00
 Rocha, R. - Mon 15:40
 Roche, J. - Tue 11:30
 Rodrigues Carvalho, L. - Tue 18:00
 Rodrigues, H. - Tue 08:50
 Rodrigues, H. - Tue 09:50
 Rodriguez Zamalloa, G. - Wed 15:20
 Rodriguez, F. - Mon 10:50
 Rokib, N. - Tue 17:40
 Romariz Madureira, L. - Tue 10:30
 Rousseau, G. - Wed 16:20
 Rozvany, G. - Tue 17:20
 Rubiales, A. - Mon 17:20
 Rubiales, A. - Thu 08:50
 Rudholm, J. - Tue 16:00
 Ruggiero, A. - Thu 11:30
 Ruiz, R. - Thu 10:30
 Ruotsalainen, H. - Tue 15:40
 Ruotsalainen, H. - Wed 09:50
 Rusak, Z. - Tue 11:10
 Ruuska, S. - Mon 11:50
 Ruzicka, M. - Wed 10:30
 Sabarathinam, A. - Wed 10:30
 Sachine, M. - Mon 10:50

Saepudin, D. - Tue 16:00
 Sagastizabal, C. - Mon 10:30
 Sagastizabal, C. - Mon 11:50
 Sagastizabal, C. - Mon 16:20
 Sagastizabal, C. - Mon 18:20
 Sagastizabal, C. - Thu 08:50
 Sagastizabal, C. - Tue 10:30
 Sagastizabal, C. - Tue 10:50
 Sagastizabal, C. - Wed 10:30
 Sagnol, G. - Thu 09:10
 Sahlstedt, K. - Wed 09:30
 Sallaume, S. - Wed 18:00
 Salmanpour, M. - Wed 10:30
 Salvadori, F. - Mon 16:00
 Santos, H. - Wed 17:20
 Santos, M. - Wed 10:30
 Santos, R. - Mon 10:30
 Santos, S. - Mon 10:50
 Santos, S. - Mon 11:50
 Santos, V. - Tue 16:20
 Saramago, S. - Mon 10:50
 Sarkisyan, V. - Wed 18:30
 Sartori, C. - Wed 10:30
 Sauchanka, A. - Mon 11:30
 Scheimberg, S. - Mon 15:20
 Schittkowski, K. - Tue 18:00
 Schneider, F. - Mon 11:10
 Schultz, R. - Mon 18:00
 Scofano Neto, F. - Tue 17:40
 Secchi, A. - Thu 10:50
 Secchi, A. - Tue 15:20
 Secchi, A. - Wed 10:30
 Seifi, A. - Tue 09:50
 Selauti, A. - Wed 08:30
 Semaan, G. - Mon 15:00
 Shakeri, M. - Tue 09:30
 Sharma, S. - Mon 11:30
 Shih, C. - Tue 09:10
 Sidarto, K. - Tue 16:00
 Sidorkiewicz, M. - Wed 17:00
 Silva de Sousa, B. - Thu 09:50
 Silva Jr, I. - Mon 15:40
 Silva, A. - Wed 10:30
 Silva, B. - Thu 10:30
 Silva, E. - Mon 11:30
 Silva, E. - Mon 17:00
 Silva, E. - Tue 11:50
 Silva, G. - Wed 10:30
 Silva, G. - Wed 17:00
 Silva, J. - Thu 10:30
 Silva, L. - Wed 10:30
 Silva, M. - Mon 15:20
 Silva, M. - Tue 15:40
 Simões, J. - Tue 17:00
 Sinoquet, D. - Tue 09:10
 Sinoquet, C. - Wed 16:00
 Sinoquet, D. - Wed 16:20
 Siregar, S. - Tue 16:00
 Siregar, S. - Tue 16:20
 Skliba, J. - Wed 10:30
 Skowronek, A. - Wed 10:30
 Sobota, T. - Tue 08:50
 Soewono, E. - Tue 16:00
 Solar, M. - Mon 11:50
 Soma, N. - Thu 10:30
 Song, J. - Thu 11:10
 Sonzogni, V. - Wed 10:30
 Sotelo, G. - Wed 15:00
 Souopgui, I. - Wed 09:10
 Souza Motta, E. - Tue 09:10
 Souza Motta, E. - Wed 15:00
 Souza, M. - Wed 10:30
 Souza, M. - Wed 18:00
 Stainko, R. - Tue 11:10
 Stamos, A. - Tue 17:20
 Starke, J. - Tue 09:30
 Steffen Jr, V. - Mon 10:30
 Steffen Jr, V. - Thu 11:30
 Steffen Jr, V. - Tue 16:20
 Steffen Jr, V. - Wed 10:30
 Steiner, G. - Wed 15:20
 Stephan, R. - Wed 15:00
 Stepniewski, A. - Wed 10:30
 Stigliano, G. - Wed 10:30
 Stolpe, M. - Tue 11:10
 Stolpe, M. - Tue 15:00
 Stoyanov, S. - Wed 17:20
 Street, A. - Mon 15:20
 Street, A. - Mon 16:00
 Su, J. - Wed 16:20
 Subrt, T. - Wed 10:30
 Sucharda, O. - Tue 18:00
 Sukarno, P. - Tue 16:00
 Sutikno, D. - Tue 16:20
 Sutikno, D. - Tue 17:40
 Taler, D. - Tue 08:30
 Taler, D. - Tue 08:50
 Taler, J. - Tue 08:30
 Taler, J. - Tue 08:50
 Talischi, C. - Tue 15:40
 Talischi, C. - Tue 16:00
 Tang, X. - Wed 18:20
 Tang, Y. - Wed 17:20
 Tavakkoli Lahijani, A. - Wed 18:00
 Tavares Câmara, L. - Mon 15:40
 Tavares, J. - Wed 18:00
 Terceiro, E. - Wed 18:20
 Tereso, A. - Wed 16:00
 Thomas, H. - Tue 10:50
 Tilford, T. - Tue 18:20
 Titaud, O. - Wed 09:10
 Tortorelli, D. - Tue 15:40
 Tovar, A. - Mon 10:50
 Tovar, A. - Mon 11:30
 Tovar, A. - Tue 16:00
 Tovar, A. - Wed 10:30
 Tran, Q. - Wed 16:00
 Tran, T. - Thu 11:10
 Tran, T. - Tue 15:40
 Trierweiler, J. - Thu 10:50
 Tsamasphyros, G. - Thu 09:30
 Uchoa, E. - Wed 15:00
 Utomo, T. - Wed 10:30
 Valente, R. - Wed 10:30
 van Ackooij, W. - Mon 11:10
 van der Hoogt, P. - Mon 10:30
 van Dijk, N. - Tue 17:40
 van Keulen, F. - Tue 11:50
 van Keulen, F. - Tue 17:40
 Vasco de Toledo, E. - Wed 10:30
 Vasco de Toledo, E. - Wed 10:30
 Vaz, L. - Tue 15:20
 Vaz, L. - Wed 10:30
 Vaz, L. - Wed 18:00
 Veguería, E. - Tue 10:30
 Veiga, Á. - Wed 10:30
 Velasco, M. - Tue 15:20
 Verzenhassi, C. - Tue 15:00
 Vidard, A. - Wed 09:10
 Vieira, F. - Thu 10:30
 Villar Leandro, G. - Mon 16:00
 Villela da Silva, A. - Wed 17:20
 Villon, P. - Tue 10:50
 Villon, P. - Wed 17:00
 Virgone, J. - Tue 17:40
 Vivas Andrade, A. - Wed 10:30
 Vlach, O. - Tue 11:30
 Vlassov, V. - Wed 08:50
 von Schmalz Torres, J. - Wed 10:30
 Vondrak, V. - Tue 11:30
 Vucinic, D. - Wed 09:50
 Wallinger, C. - Wed 15:20
 Wallrabe, U. - Mon 11:10
 Wang, M. - Tue 18:20
 Watzenig, D. - Wed 15:20
 Weber, G. - Mon 11:10
 Weber, G. - Mon 17:00
 Weglowski, B. - Tue 08:50
 Weglowski, B. - Wed 10:30
 Wei, X. - Wed 10:30
 Weinzierl, D. - Wed 10:30
 Weismantel, R. - Mon 15:00
 Wheeler, M. - Tue 08:50
 Winslow, P. - Mon 11:30
 Wojciechowski, A. - Tue 16:00
 Wriggers, F. - Wed 15:00
 Wriggers, F. - Wed 15:20
 Wrobel, L. - Tue 17:20
 Wrzalik, A. - Wed 10:30
 Wüchner, R. - Tue 10:30
 Wulandhari, L. - Wed 08:50
 Xia, Q. - Tue 18:20
 Yahya, M. - Tue 16:20
 Yang, S. - Thu 08:30
 Yoon, G. - Tue 11:50
 Yoon, G. - Tue 17:40
 Yutaka Kuwabata Takigawa, F. - Tue 11:50
 Yves, M. - Mon 10:30
 Zavaleta Aguilar, J. - Tue 08:30
 Zavarez Barbosa, L. - Tue 15:00
 Zhang, W. - Wed 18:20
 Zima, W. - Tue 08:50
 Zorgati, R. - Mon 11:10
 Zuberi, R. - Wed 16:00