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PARALLEL SESSIONS

THURSDAY 16:00 – 17:40
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Thursday, July 5th 16:00-17:20 Room: NAOUSSA

"KALMAN Filtering and SAR"

Chairman: Moriya N., Karathanassi V.

16:00-16:20 "Indirect Observations of Atmosphere in Synthetic Aperture Radar (SAR) Interferometric Processing"

Likoka-Saqellari A., Karathanassi V.

16:20-16:40 "Speckle Filtering of SAR Images - A Comparative Study Between Savitzky-Golay Innovation Filter and Standard Filters"

Likoka-Saqellari A., Karathanassi V., Bratsolis E.

16:40-17:00 "Non-Stationary Noise Estimation in Adaptive Linear and Extended KALMAN Filtering"

Moriya N.

17:00-17:20 "Particle Filtering for State Estimation in Nonlinear Industrial Systems"

Rigatos G. G.

Thursday, July 5th 16:00-17:40 Room: KOZANI

"Applications in Biomedical and Structural Engineering"

Organized by: C.G. Provatidis

Chairmen: C. G. Provatidis, D. T. Venetsanos

16:00-16:20 "The Effect of Osteoporosis in the Strain Field of a Total Hip Arthroplasty"

Provatidis C. G., Venetsanos D. T., Theodorou E. G.

16:20-16:40 "A New Image Processing Approach for Developing 3-D Finite Element Models for Long Bones from pQ-CTs"

Exarchos O. S., Venetsanos D. T., Provatidis C. G.

16:40-17:00 "Estimation of The Flexibilities of Tooth Support of an Ellipsoidal Shape"

Provatidis C. G., Venetsanos D. T., Champilos S. D.

17:00-17:20 "Optimal Design of a Box Cross Section of a Double Girder Crane in Accordance with EC1 and EC3"

Venetsanos D. T., Provatidis C. G., Skarmas S. G.

17:20-17:40 "Optimal Design of a Welded Open Cross Section Crane Runway Beam in Accordance With EC1 and EC3"

Venetsanos D. T., Provatidis C. G., Magoula E.-A. T.

Thursday, July 5th 16:00-17:40 Room: EDESSA

"Flow Simulation for Industrial Engineering Optimization"

Organized by: Dionissios P. Margaris

Chairman: D. P. Margaris

16:00-16:20 "Aerodynamic Noise Emission of Horizontal Axis Wind Turbine"

Tachos S. N., Doukas C. S., Filios E. A., Margaris D. P.

16:20-16:40 "Atmospheric Flight Dynamic Simulation Modelling of Spin-Stabilized Projectiles"

Gkritzapis N. D., Panagiotopoulos E. E., Margaris P. D., Papanikas G. D.

16:40-17:00 "CFD Study of a Novel Compact Phase Separator"

Kefalas I. P., Margaris P. D.

17:00-17:20 "On the Influence of the Outlet Blade Angle in the Performance of a Radial Pump Impeller"

Mentzos D. M., Bacharoudis C. E., Margaris P. D., Filios E. A.

17:20-17:40 "Three-Phase Air-Lift Pump Performance Characteristics"

Samaras C. V., Margaris P. D.