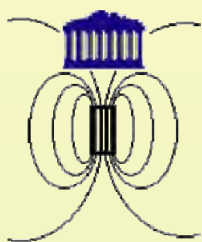
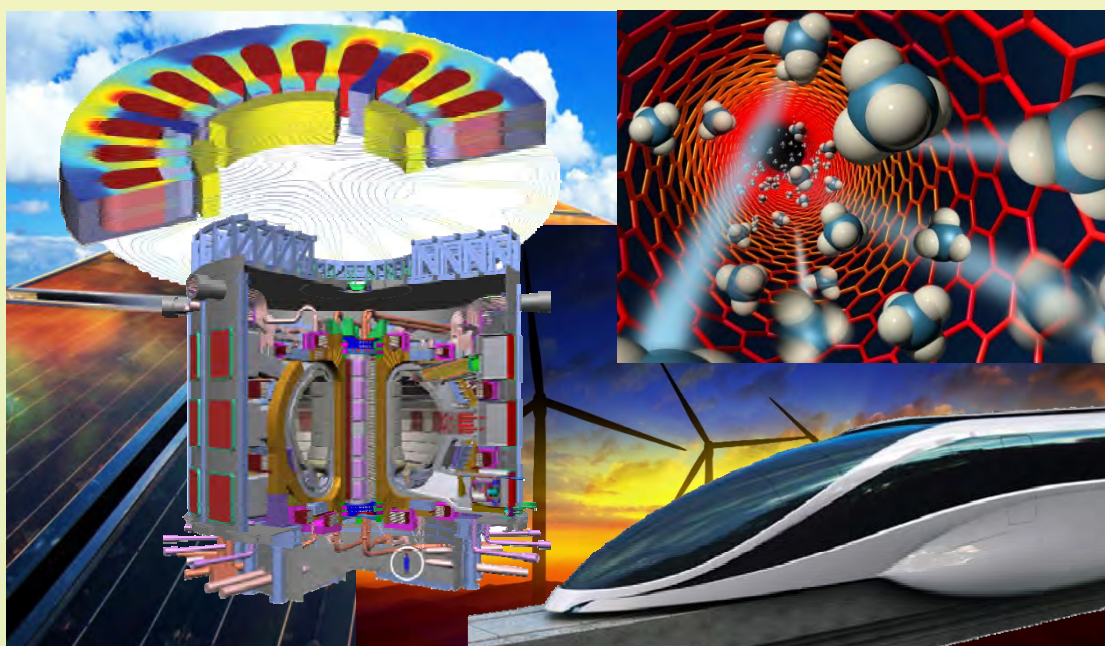


9-TH JAPANESE-MEDITERRANEAN WORKSHOP ON
APPLIED ELECTROMAGNETIC ENGINEERING FOR
MAGNETIC, SUPERCONDUCTING AND NANO MATERIALS

JAPMED'9



PROGRAM



ORGANIZERS



Japan Society
of Applied
Electromagnetics &
Mechanics



National
Technical
University
of Athens



Project Center
for Nanotechnology &
Advanced
Engineering PC-NAE



International Institute
for Multifunctional
Materials for
Energy Conversion



Technical
University
of
Sofia



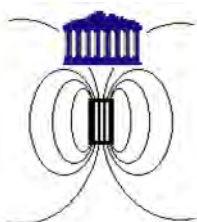
Union of Electronics,
Electrical Engineering
and
Telecommunications



TECHNICAL UNIVERSITY OF SOFIA
5-8 JULY 2015, SOFIA, BULGARIA

9-TH JAPANESE-MEDITERRANEAN WORKSHOP ON
APPLIED ELECTROMAGNETIC ENGINEERING FOR
MAGNETIC, SUPERCONDUCTING AND NANO MATERIALS

JAPMED'9



PROGRAM

ORGANIZERS



**Japan Society of Applied Electromagnetics &
Mechanics (JSAEM)**



National Technical University of Athens



**Project Center for Nanotechnology & Advanced
Engineering PC-NAE**

*(joint initiative of the National Center for Scientific Research "Demokritos" &
the Russian Research Center "Kurchatov Institute")*



**International Institute for Multifunctional
Materials for Energy Conversion (USA)**



Technical University of Sofia



**Union of Electronics, Electrical Engineering and
Telecommunications (Bulgaria)**

TECHNICAL UNIVERSITY OF SOFIA
5-8 JULY 2015, SOFIA, BULGARIA

MAP OF THE CONFERENCE SITE



**PROGRAM****OF THE NINTH JAPANESE-MEDITERRANEAN WORKSHOP
ON APPLIED ELECTROMAGNETIC ENGINEERING FOR MAGNETIC,
SUPERCONDUCTING, MULTIFUNCTIONAL AND NANO MATERIALS
(JAPMED'9)****SUNDAY, JULY 5th****20:00 – 21:00 Welcome Reception at the Conference Venue – “Park Hotel Vitosha”****MONDAY, JULY 6th****08:00 – 09:00 Registration****09:00 – 09:45 Opening Session**

Chair: V. Lazarov, Host Co-Chairman of JAPMED'9

**09:00 – 09:15 Welcome address by the Honorary Chairman of JAPMED'9,
Prof. A.G. Mamalis**

Welcome address by the Chairman of JAPMED'9, Prof. M. Enokizono

Welcome address by the Rector of the Technical University – Sofia,

Prof. G. Mihov

Welcome address by the President of JSAEM, Prof. T. Sawada

Welcome address on behalf of the NTUA by Prof. A. Kladas, Co-Chairman
of JAPMED'9

Welcome address by the President of CEEC, Prof. I. Yatchev

**09:15 – 09:45 Keynote Presentation: Advanced Manufacturing of Advanced Materials
from Macro to Nano scale: Static, Dynamic and Shock Processing**

A.G. Mamalis

*PC-NAE, NCSR “Demokritos”, Greece***09:45 – 11:15 Oral Session A: Magnetohydrodynamics and Superconductivity**

Chair: T. Sawada

**09:45 – 10:00 A1: Effect of tapered metering pin on magnetorheological fluid subjected
to shock loading**

Y. Shimizu, S. Takagi and T. Sawada

*Keio University, Japan***10:00 – 10:15 A2: Recovery of Suppressed Turbulent Diffusion of Magnetic Fluid Flow in
Downstream of Magnetic Field Region**M. Motozawa¹, K. Takeda², Y. Kawaguchi³, T. Sawada⁴, M. Fukuta⁵^{1,2,5}*Shizuoka University, Japan;* ³*Tokyo University of Science, Japan;*⁴*Keio University, Japan*



- 10:15 – 10:30 A3: Behavior of both Nonmagnetic Particles and Magnetic Particles in Magnetic Compound Fluids in a Micro-tube with Axial Flow under Rotating Magnetic Field**
Y. Ido¹, K. Asakura², H. Nishida³
^{1,2}Nagoya Institute of Technology, Japan; ³Toyama College of Technology, Japan
- 10:30 – 10:45 A4: Dynamic Interfacial Phenomena at Water- Magnetic Fluid System Subject to Alternating Magnetic Field**
M. Nakanishi¹, S. Sudo², H. Nishiyama³
^{1,2}Akita Prefectural University, Japan; ³Tohoku University, Japan
- 10:45 – 11:00 A5: Role of Excess Fe in Iron Chalcogenide Superconductor**
A. Yamashita^{1,2}, Y. Takano^{1,2}
*¹National Institute for Materials Science, Japan
²University of Tsukuba, Japan*
- 11:00 – 11:15 A6: Processing of Bulk MgB₂ Superconductors for Application in Fault Current Limiters**
V. Sokolovsky¹, T. Prikhna², V. Meerovich³, M. Eisterer⁴, W. Gawalek⁵,
A.G. Mamalis⁶, V. Moshchil⁷, V. Sverdun⁸, H. Weber⁹, V. Kovylaev¹⁰, M. Karpets¹¹
^{1,3}Ben-Gurion University of the Negev, Israel; ^{2,7,8}Institute for Superhard Materials of the National Academy of Sciences of Ukraine, Ukraine; ^{4,9}Atominstitut, Vienna University of Technology, Austria; ⁵Magnetworld AG., Germany; ⁵National Technical University of Athens, Greece; ^{10,11}Institute for Problems in Material Science, Ukraine
- 11:15 – 11:30 Coffee Break**
- 11:30 – 13:30 Oral Session B: Nanostructure and Multifunctional Materials**
Chair: E. Hristoforou
- 11:30 – 12:00 Keynote Presentation: New Developments of Mesoscopic Materials of Nano-scale Particles for Optical and Dielectric Applications**
K. Yamada
Saitama University, Japan
- 12:00 – 12:15 B1: Generalized thin-wire hybrid VFETD/FDTD schemes for nanocomposite and graphene applications**
N. Kantartzis¹, T. Ohtani², Y. Kanai³, T. Tsiboukis⁴
^{1,4}Department of Electrical and Computer Engineering, Aristotle University of Thessaloniki, Greece; ³Information & Electronics Engineering Department, Niigata Institute of Technology, Japan
- 12:15 – 12:30 B2: Shockwave Response of Polymer and Polymer Nanocomposites**
T. Cagin, J. Njoroge, A. Chakrabarty, B. Arman
Texas A&M University, United States
- 12:30 – 12:45 B3: Vibrating properties of magnetic fluid tuned liquid column damper with different U-pipes**
S. Kondo, K. Ikari, T. Sawada
Keio University, Japan



- 12:45 – 13:00 B4: Thermophysical Properties of Anti-Parallel β -Sheets with Bombyx Mori Silk Nanostructures [Gly-Ser-Gly-Ala-Gly-Ala]_n and [Gly-Ala]_n**
B. Aksakal¹, S. Günay², U. Akdere³, T. Çağın⁴, C. Taşseven⁵
^{1,2,3,5}*Yıldız Technical University, Department of Physics, Turkey;* ⁴*Department of Materials Science and Engineering, Texas A&M University, USA*
- 13:00 – 13:15 B5: Constitutive modeling of near-equiatomic niti shape memory alloys considering composition and heat treatment**
A. Cox, T. Baxevanis, D. Lagoudas
Texas A&M University, United States
- 13:00-13:30 B6: A Novel Method to Desalinate Brackish Water Using Superparamagnetic Nanoparticles Coated by Cyclodextrins**
K. Berkesi¹, E. Metaxa¹, A.G. Mamalis², E. Hristoforou¹
¹*School of Mining and Metallurgical Engineering, National Technical University of Athens, Greece;* ²*Project Center for Nano-Technology and Advanced Engineering, Greece*
- 13:30 – 14:30 Lunch Break**
- 14:30 – 16:15 Oral Session C: Advanced Applications**
Chair: G. D'Ovidio
- 14:30 – 15:00 Keynote Presentation: Nanoporous and Carbon Nanotube Membranes Preparation, Characterization and Applications**
N.K. Kanellopoulos
NCSR "Demokritos", Greece
- 15:00 – 15:15 C1: Proposal of Hybrid type Active Magnetic Bearing for Turbo Machinery**
Y. Okada¹, M. Touno², K. Matsuda³, R. Kondo⁴, T. Todaka⁵
^{1,2,3,4}*Ibaraki University, Japan;* ⁵*Oita University, Japan*
- 15:15 – 15:30 C2: Sintering Features of ZrO₂ Nanopowders and Composition with Different Content of Al₂O₃**
A.G. Mamalis¹, E. Gevorkyan², S. Lavrynenko³
¹*PC-NAE, NCSR "Demokritos", Greece;* ²*"Cermet-Ukraine" Ltd. Science-and-Production Company, Kharkov, Ukraine;* ³*National Technical University "Kharkov Polytechnic Institute", Ukraine*
- 15:30 – 15:45 C3: Characteristics of a Permanent Magnet Synchronous Machine Designed by a Topology Optimization Method**
T. Ishikawa, S. Mizuno, N. Kurita
Gunma University, Japan
- 15:45 – 16:00 C4: Development of actuator with permanent magnets arranged Halbach array**
I. Murakami, S. Machida, T. Yamagami, Y. Ando
Gunma University, Japan



- 16:00 – 16:15 C5: Design of the maximum transmission torque for cylindrical magnetic gears**
K. Uchibori, Y. Ando, I. Murakami, K. Chigira
Gunma University, Japan
- 16:15 – 16:30 Coffee Break**
- 16:30 – 17:45 Oral Session D: Particular Advanced Materials**
Chair: T. Çağın
- 16:30 – 16:45 D1: Magnetofluorescent Nanocomposites Integrating Magnetic Nanoparticles and Near Infrared Quantum Dots for Tumor Cell Targeting**
X. Zhu
University of Nevada Reno, United States
- 16:45 – 17:00 D2: Monitoring magnetic nanoparticles in the body**
A. Ferraro¹, A.G. Mamalis², E. Hristoforou¹
¹School of Mining and Metallurgical Engineering, National Technical University of Athens, Greece; ²Project Center for Nano-Technology and Advanced Engineering, Greece
- 17:00 – 17:15 D3: Modeling of the Electric Field Applied to the Ensembles of Microparticles**
I. Iatcheva¹, G. Bojilov², I. Saykova³
¹Technical University of Sofia, Bulgaria; ²Technical University of Sofia, Plovdiv branch, Bulgaria; ³University of Chemical Technology and Metallurgy, Bulgaria
- 17:15 – 17:30 D4: Thermomechanical properties of anti-parallel sheets with Bombyx mori silk nano structures [Gly-Ser-Gly-Ala-Gly-Ala]_n and [Gly-Ala]_n**
S. Günay¹, U. Akdere², B. Aksakal³, T. Çağın⁴, C. Taşseven⁵
^{1,2,3,5}Yıldız Technical University, Department of Physics, Turkey; ⁴Department of Materials Science and Engineering, Texas A&M University, United States;
- 17:30 – 17:45 D5: Vibrations in High Speed Cutting Process of Bioengineering Polymers**
A.G. Mamalis¹, G. Tokhtar², I. Lavrynenko³
¹PC-NAE, NCSR "Demokritos", Greece; ²Kharkov National Automobile and Highway University, Ukraine; ³National Technical University "Kharkov Polytechnic Institute", Ukraine
- 18:00 - 20:30 Guided sightseeing tour to Sofia center**
- 20:30 - 22:30 Conference Cocktail**

**TUESDAY, JULY 7th****09:00 – 11:00 Oral Session E: Magnetic Material Manufacturing and Characterization**

Chair: I. Yatchev

09:00 – 09:30 Keynote Presentation: Advanced Materials for Extreme Environment Aerospace Actuators

A. Kladas

*National Technical University of Athens, Greece***09:30 – 09:45 E1: Characteristics in the Opening and Closing Operations of Micro Magnetic Fluid Diaphragm Mechanism by Alternating Magnetic Field**S. Sudo¹, M. Nakanishi², M. Shinozaki³, H. Nishiyama⁴*^{1,2,3} Akita Prefectural University, Japan; ⁴ Tohoku University, Japan***09:45 – 10:00 E2: Vector Magnetic Characteristic Technology for Decreasing Magnetic Power Loss of Electrical Machines**

M. Enokizono

*Vector Magnetic Characteristic Technical Laboratory, Oita University, Japan***10:00 – 10:15 E3: Amorphous alloys cores for HTSC electrical devices**

L. Chubraeva, S. Timofeyev, D. Volkov

*Institute of Silicate Chemistry of Russian Academy of Sciences, Russian Federation***10:15 – 10:30 E4: Non-destructive Evaluation of Materials by Magnetic Measurements**

Y. Tsuchida, M. Enokizono

*Oita University, Japan***10:30 – 10:45 E5: Magnetic Barkhausen measurements for determining residual stress distribution in welded electrical steels**P. Vourna¹, A. Ktena², A. Mamalis³, E. Hristoforou⁴, Chen⁵, Q. Zhou⁵*^{1,4}School of Mining and Metallurgical Engineering, National Technical University of Athens, Greece; ²Department of Electrical Engineering, Technological Educational Institute of Sterea Ellada, Greece; ³Project Center for Nano-Technology and Advanced Engineering, Greece, ⁵Beijing Institute of Technology, PR of China***10:45 – 11:00 E6: Examination of a split transformer arrangement for the inductive link of contactless power transfer systems**

E. Gati, A. Kladas, S. Manias

*National Technical University of Athens, Greece***11:00 – 11:15 Coffee Break****11:15 – 13:15 Oral Session F: Computational Electromagnetics**

Chair: N. Kantarzis

11:15 – 11:45 Keynote Presentation: Experiences and Suggestions concerning Teaching Electromagnetic Engineering in Japan

M. Enokizono

Oita University, Japan



- 11:45 – 12:00 F1: Electromagnetic field modeling using FEM of the active part of oil-immersed transformer**
E. Mechkov¹, R. Tzeneva², V. Mateev³, I. Yatchev⁴
¹Elprom Trafo CH JSC, Bulgaria; ^{2,3,4} Technical University of Sofia, Bulgaria
- 12:00 – 12:15 F2: Exploitation of piezoelectric micro-devices as building blocks of controllable terahertz complex materials**
A. Lalas, N. Kantartzis, T. Tsiboukis
Department of Electrical and Computer Engineering, Aristotle University of Thessaloniki, Greece
- 12:15 – 12:30 F3: Modeling of the processes in a resistive glass melting furnace in heat treatment of glassware with complex form**
N. Tsvetkova¹, I. Iatcheva²
¹TU Varna, Bulgaria; ²TU Sofia, Bulgaria
- 12:30 – 12:45 F4: Proposal of the two pole type shaded pole self-bearing motor**
N. Kurita, T. Ishikawa, G. Suzuki
Gunma University, Japan
- 12:45 – 13:00 F5: Optimal Design of a Servo Motor for Energy-saving in Oil Hydraulic System of Machine Tools**
C. Hwang¹, C. Liu², C. Chang³
*^{1,3} Department of Electrical Engineering, Feng Chia University, Taiwan;
² Department of Electrical Engineering, National Sun Yat-sen University, Taiwan*
- 13:00 – 13:15 F6: A new eddy current surface probe with perpendicular coils**
I. Dolapchiev
Technical University of Sofia, Bulgaria
- 13:15 – 14:15 Lunch Break**
- 14:15 – 16:15 Poster Session (P) Particular Electromagnetic Engineering Applications**
Chair: S. Timofeyev
- P1: Reducing losses in Electrical power system of Kosovo by implementation of new type of transformers in the power distribution system**
R. Shaqiri
Faculty of Electrical Engineering, Sofia, Bulgaria
- P2: Development of electric current sensor for the device protecting electrical wiring from sparks**
A. Kovalyov¹, S. Soleniy², O. Solenaya³
¹Donetsk National Technical University, Ukraine; ^{2,3}Saint-Petersburg State University of Aerospace Instrumentation, Russian Federation
- P3: The Effects of Harmonics Generated by Industrial Loads in the Power System**
V. Rexhepi
Faculty of Electrical Engineering, Bulgaria



P4: Saturation Effects on the Parameters of Interior Permanent Magnet Synchronous Motors with Different Rotor Configuration

G. Todorov, B. Stoev

Technical University of Sofia, Bulgaria

P5: Experimental study and simulation of thermal effects in Spark Plasma Sintering of conducting powders

I. Saykova¹, R. Blajev², A. Maitre³

^{1,2}*University of Chemical Technology and Metallurgy, Bulgaria;* ³*University of Limoges, France*

P6: Effect of MWCNT on Electro-Optical Properties of Liquid Crystal

S. Ahmed, R. Ibrahim, A. Naji, K Naimee

Department of Physics, College of Science, University of Baghdad, Iraq

P7: Palladium and Zinc Oxide nanoparticles Hydrogen sensor for harsh environment

K. Al Naimee¹, S. Abdalah², A. Zomrawi³, A. Awadelgied⁴

^{1,2}*Istituto Nazionale di Ottica- CNR, Florence, Italy;* ^{3,4}*College of Engineering, Karary University, Khartoum, Sudan*

P8: Thermoelectric properties of Cu-doped NaCo₂O₄ synthesized by the citric acid complex method

S. Pršić¹, S. Savić², Z. Branković³, S. Vrtnik⁴, S. Bernik⁵, G. Branković⁶

^{1,2,3,6}*Institute for Multidisciplinary Research-University of Belgrade, Serbia;* ⁴*Institute Jožef Stefan, Condensed Mater Physics, Slovenia;* ⁵*Jožef Stefan Institute, Department for Nanostructured Materials, Slovenia;*

P9: Modeling and Optimization by Tabu Search Method of an Inductor dimensions for Domestic Induction Heating Devices

A. Kansab, F. Allaoui, C. Ahmed

University Hassiba Benbouali Chlef, Algeria

P10: Investigation of MEMS piezoelectric transformer with PVDF thin layer

Y. Vucheva, G. Kolev, M. Aleksandrova, K. Denishev

Department of Microelectronics, Technical University of Sofia, Bulgaria

P11: EMI filters in connecting renewable energy sources.

H. Balan¹, M. Buzdugan², P. Karaisas³

^{1,2}*Technical University of Cluj-Napoca, Romania;* ³*T.E.I of Piraeus, Greece*

P12: Multilevel Converter with Low Distortion Factor for Connecting Renewable Energy Sources to the Power Grid

H. Balan¹, M. Buzdugan², P. Karaisas³

^{1,2}*Technical University of Cluj-Napoca, Romania;* ³*T.E.I of Piraeus, Greece*

P13: The study of systems of heat consumption of buildings with heat pump

A. Tsyaneva, K. Tsyaneva

Federal State Educational Institution of Higher Professional Education Samara State University of Architecture and Construction, Russian Federation

P14: Influence of the ventilation apertures on low voltage switchboard heating

I. Yatchev, I. Hadzhiev, D. Malamov

Technical University of Sofia, Bulgaria

**P15: Magneto-electric flow meter field distribution maximizing device sensitivity**

I. Iatcheva, A. Andreev, R. Stancheva
Technical University of Sofia, Bulgaria

P16: Automatic pain detection in video sequences for neuro-rehabilitation applications

N. Neshov, A. Manolova, M. Penev
Technical University of Sofia, Bulgaria

P17: Development of temperature-dependent SPICE computer models of photovoltaic cells

E. Gadjeva, M. Hristov
Technical University of Sofia, Bulgaria

P18: Effect of Cu atoms on the Band Structure of CdTe

M. Caliskan, A. Öztoprak, S. Günay
Yıldız Technical University, Department of Physics, Davutpaşa Campus, İstanbul, Turkey

P19: Thermal stabilization of highly conductive δ -Bi₂O₃ phase

A. Dapcevic¹, D. Poleti², J. Rogan³, A. Radojkovic⁴, M. Radovic⁵, G. Brankovic⁶
^{1,2,3}*Department of General and Inorganic Chemistry, Faculty of Technology and Metallurgy, Serbia;* ^{4,6}*Institute for Multidisciplinary Research, University of Belgrade, Serbia;* ⁵*Department of Materials Science and Engineering, Texas A&M University, United States;*

P20: Investigation of the influence of the electromagnetic field in the vicinity of high voltage overhead line

A. Chervenkov, T. Chervenkova
Technical University of Sofia, Bulgaria

P21: Experimental Investigation of the DSOGI PLL Response to Grid Disturbances for PV System Applications

G. Kampitsis, A. Tsoumanis, S. Manias, S. Papathanasiou
National Technical University of Athens, Greece

P22: Comparative Analysis of the Thermal Stress of Si and SiC MOSFETs during Short Circuits

G. Kampitsis, S. Papathanasiou, S. Manias
National Technical University of Athens, Greece

P23: Statistical Analysis of Faults at Off-Grid Inverters for Autonomous PV Systems

E. Batzelis, K. Samaras, G. Vokas, S. Papathanasiou
National Technical University of Athens, Greece

P24: Comparison of Three Different In-Wheel PM Motors Based on the Urban NEDC

C. Krasopoulos, M. Beniakar, A. Kladas
National Technical University of Athens, Greece

**P25: Experimental demonstration of transformer thermal performance by installing thermocouple sensors**K. Disios¹, I. Mantas², A. Melanitis³, E. Amoiralis⁴, M. Tsili⁵*^{1,2,3,4}Department of Electrical Engineering, Technological Educational Institute of Central Greece, Greece; ⁵Faculty of Electrical & Computer Engineering, National Technical University of Athens, Greece;***P26: Assessment of the Impact of the Winding Configuration on Permanent Magnet Eddy Losses of Surface-Mounted Motors**

M. Beniakar, C. Krasopoulos, P. Kakosimos, A. Kladas

*National Technical University of Athens, Greece***P27: A Fast-Converging Algorithm for the Efficiency Optimization of Vector Controlled Induction Motor Drives Based on a Hybrid Magnetic Flux Controller Architecture**

A. Alexandrou, A. Kladas

*National Technical University of Athens, Greece***P28: 3D FEM and Lumped-Parameter Network Transient Thermal Analysis of Induction and Permanent Magnet Motors for Aerospace Applications**

T. Kefalas, A. Kladas

*National Technical University of Athens, Greece***P29: Model Predictive Control Employing Finite-Element Methods for Aerospace Actuators**P. Kakosimos¹, M. Beniakar², A. Sarigiannidis³, A. Kladas⁴*¹The University of Manchester, United Kingdom; ^{2,3,4}National Technical University of Athens, Greece;***P30: Interior PM Motor Torque Control and Performance Analysis over a wide-Speed range for Electric Vehicle Applications**

A. Sarigiannidis, A. Kladas

*National Technical University of Athens, Greece***P31: Injection printing of biodegradable scaffolds doped with antibacterial silver nanoparticles**N. Michailidis¹, A. Tsouknidas², M. Pantazopoulos³, D. Papadopoulos⁴, D. Tsipas⁵*^{1,3,5}Aristotle University of Thessaloniki, Greece; ^{2,4}PLiN Nanotechnology SA, Greece***16:15 – 16:30 Coffee Break****16:30 – 18:30 Oral Session G: Applications in Renewable Energy**

Chair: Y. Ando

16:30 – 17:00 Keynote Presentation: Characterization and Perspectives of Multifunctional materials

D. C. Lagoudas

Texas A&M University, USA



- 17:00 – 17:15 G1: A Partial Shading Detection Technique for MPPT Algorithms in PV systems**
E. Batzelis, S. Papathansiou, A. Kladas
National Technical University of Athens, Greece
- 17:15 – 17:30 G2: Brushless exciter based on nanomaterials for 1 MVA HTSC wind power alternator**
L. Chubraeva, E. Evseev, S. Timofeyev, M. Turubanov, D. Volkov
Saint-Petersburg State University of Aerospace Instrumentation, Russian Federation
- 17:30 – 17:45 G3: A Tubular Linear Magnetic Gear/Generator Set for Harvesting Slow-motion Renewable Energy**
C. Liu¹, C. Hwang², K. Hung³
^{1,3}National Sun Yat-Sen University, Taiwan; ²Feng Chia University, Taiwan
- 17:45 – 18:00 G4: Study of Photovoltaic Systems Performances with Different Module Types**
Z. Zarkov, L. Stoyanov, H. Kanchev, V. Milenov, V. Lazarov
Faculty of Electrical Engineering, Technical University of Sofia, Bulgaria
- 18:00 – 18:15 G5: KERS technology coupled with hydrogen fuel cell to power city bus with zero emission energy cycle**
G. D'Ovidio, C. Masciovecchio
University of L'Aquila, Italy
- 18:15 – 18:30 G6: Comparison of thin film modules productivity for building integration**
L. Stoyanov¹, Z. Zarkov², G. Notton³, V. Lazarov⁴
*^{1,2,4}Faculty of Electrical Engineering, Technical University of Sofia, Bulgaria;
³ Vignola Scientific Center, University of Corsica Pascal Paoli, France*
- 18:30 – 19:00 Closing Session**
- 20:30 – 23:00 Conference dinner with folklore program – Panoramic restaurant “Suite Hotel”**

WEDNESDAY, JULY 8th

- 9:00 – 18:30 Concluding remarks during the last-day trip to Plovdiv (archeological sites, museum, Bachkovo Monastery and lunch)**