Spring Meeting 2019
IUMRS - ICAM International Conference on Advanced Materials
May 27-31 | Acropolis Congress Centre | Nice | France
deadline for abstract submission: 15 January 2019

Conference Chairs:
Anke WEIDENKAFF, Universität Stuttgart, Germany
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MATERIALS FOR ENERGY
A Latest advances in solar fuels
B Emerging photovoltaics: strategies for more stable devices
C Batteries and supercapacitors: fundamentals, materials and devices
D Advances in solid-state-nanoelectronics: nanostructures and high-efficiency Si-photovoltaics
E Earth-abundant next generation materials for solar energy - III
F Advanced materials, components & processes for integrated autonomous micro-power sources
G Halide perovskites: low dimensions for devices
H Materials for applications in photocatalysis and photoconversion
I Recent developments in thermoelectric materials and applications
J Nuclear materials

BIO- AND SOFT MATERIALS
K Organic bioelectronics
L New strategies for smart biointerfaces
M Advanced carbon materials: electrochemical aspects

NANO-FUNCTIONAL MATERIALS
N Nano-engineered coatings and thin films: from design to applications
O Synthesis, processing and characterization of nanoscale multifunctional oxide films VII
P Bioelectric nanocomposites for energy, environment and health: from fundamental to devices
Q Polar oxides: synthesis, science and applications
R Smart materials for green buildings and vehicles: towards energy efficiency, energy utilization, and a healthy interior environment
S ANIF III: advances and enhanced functionalities of anion-controlled new inorganic materials

2 DIMENSIONAL MATERIALS
T 2D semiconductors: applications and perspectives
U Hybrid composites incorporating low dimension materials for sensors and clean energy applications

MATERIALS, ELECTRONICS AND PHOTONICS
V Laser interactions with materials: from fundamentals to applications
W Semiconductor nanostructures towards electronic and opto-electronic device applications - VII
X Silicon carbide and related materials for energy saving applications

MODELLING AND CHARACTERIZATION
Y Studying the materials chemistry in solution utilizing X-ray spectroscopic and scattering studies
Z Advanced quantitative transmission electron microscopy: materials research in several dimensions
AA Computations for materials – discovery, design and the role of data
BB Cultural heritage – science, materials and Technologies

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