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3rd International Conference and Expo on

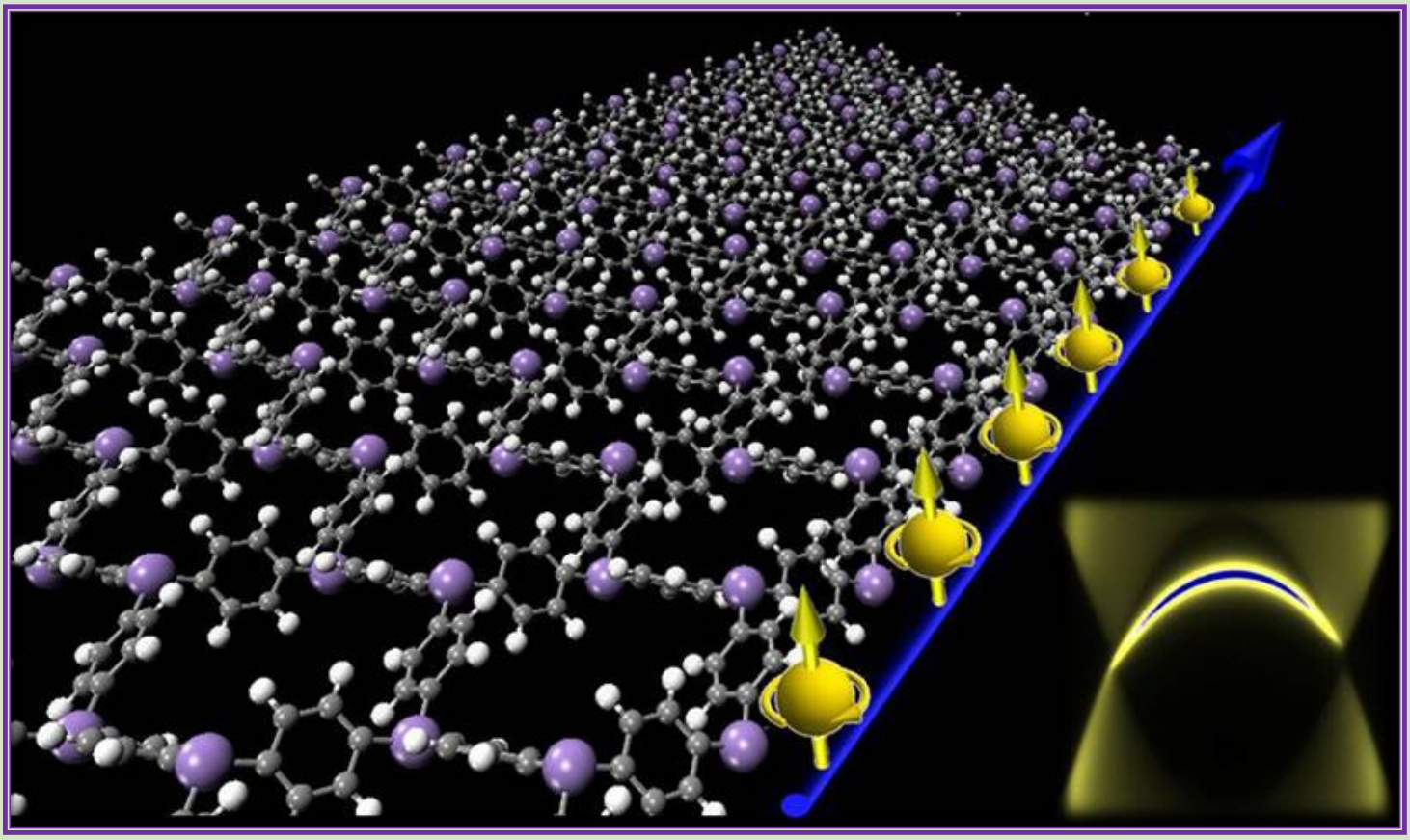
Ceramics and Composite Materials

Ceramics 2017

June 26-27, 2017 Madrid, Spain

Theme: Sustainable Composite Solutions to Global Challenges

Tentative Program



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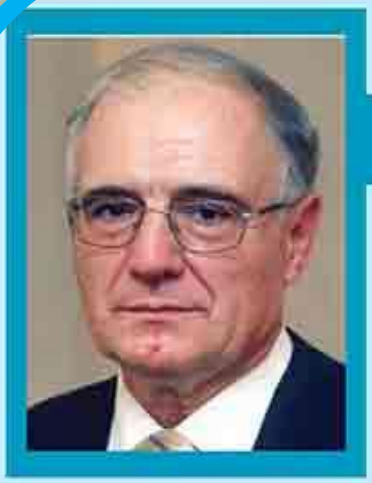
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Welcome Message

Dear all,

On behalf of the Organization Committee, it is my pleasure to invite worldwide scientists from Research, Teaching and Companies, young researchers and students to attend the 3rd International Conference and Expo to be celebrated in Madrid, Spain on next june 26th-27th.

This and past centuries recent decades have been plenty of research and developments in new materials and overall in the reality of many commercial products and materials made as composite materials. Glasses and ceramics have capabilities for challenge the domestic and technology needs as has been demonstrated with abundant examples. However, the performance of these materials has been expanded in a very large way due to the "composite concept" demonstrated with materials facilitating our lifes. Materials usually work in their applications with respect not only the environment, but more in relation "working- together" to- or- with other complementary materials. The paradigmatic example can be seen in the construction industry (buildings and civil works) where usually materials work into "construction systems" as is the case when the ceramics which must be glued in a coating or pavement and/or sustained in ventilated façades by metallic structures. Even more, in nano-technology all materials work- together in all fields from informatics to medicine... Therefore, the research and development (R+D, which is always = Science and Technology) of ceramic composites for allowing new and more exigent challenges I think is the key topic of interest.

This International Conference will link in Madrid scientists and engineers to give the opportunity to show their last results, interchange of knowledge and innovative ideas in the mentioned research field. And this call would be possible in the nice and friendly city of Madrid, the capital of Spain, which is lodging the major concentration in the country for universities (from state and from private iniciative), research centers (from the state as is the National Agency as it is the CSIC and from private companies), international commercial ferias (IFEMA)and business centers, much of them from multinational companies from all over the world.

The various and excellent offer of cultural, sport and restauration activities gives also around Madrid for the weekend very cute historic towns as: Toledo, El Escorial, Aranjuez, Segovia, Avila, etc... which can be reached by faster, not expensive and a network of efficient transportations by train or road. This will give you additional opportunities for enjoyment in your visit.

Therefore, Welcome to Madrid ¡¡¡.., my city of birth as one of the most dynamical, comfortable for the climate, wide offer of facilities and one of the more friendly people in the World ¡¡¡...hoping you enjoy your stage and you come back always to Madrid...

Yours sincerely

Prof. Jesús Ma. Rincón
Founder and Head of the Vitreous and Ceramics Lab
Instituto Eduardo Torroja de CC Construcción, Madrid
CSIC- Consejo Superior de Investigaciones Cientificas
AEC- Past President (2011-16) Spanish Association of Scientists

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Ceramics 2017

Ceramics and Composite Materials

June 26-27, 2017 Madrid, Spain

Speakers Contribution at Ceramics 2017

Title: Glass-ceramic composites from the extrinsic to the intrinsic point of view
Jesús Ma. Rincón, Eduardo Torroja Institute for Construction Sciences, Spain
Title: Progress and Current Status of Electroactive Polymer Transducers
Seiki Chiba, Chiba Science Institute, Japan
Title: Advanced Composites Based on Silicate - Organic Nano-structured Binders
Oleg L Figovsky, INRC Polymate, Israel
Title: Biphasic Si-Ca-P ceramic for regenerative medicine: scaffold processing and biocompatibility
Piedad N de Aza, Universidad Miguel Hernández, Spain
Title: Organized silicate-based composite materials: mechanical and thermal properties related to processing
Nicolas Tessier-Doyen, SPCTS, France
Title: Consistency of 3D printing spodumene articles
Ming Xuan Gan, Nanyang Technological University, Singapore
Title: Development of glass-ceramics glazes formulated from industrial residues
Ester Barrachina Albert, Universitat Jaume I, Spain
Title: Revifeel PLUS: Ceramic tiles with improved thermal comfort
Ana Sampaio, CeNTI, Portugal

Speaker Slots available!!

Submit abstract today to grab your slot....

Submit your abstract

Title: Self-Propagating High-Temperature Synthesis, a sustainable approach to product ceramics and composites
Françoise Nardou, University of Limoges, France
Title: Synthesis and Thermal Stability of Monodisperse ZrO2@SiO2 Core-Shell Submicron Particles
Maik Finsel, University of Hamburg, Germany
Title: Multiferroic and Magnetoelectric properties of BCT-ZF ceramics
Rashmi Rani, Ecole Polytechnique, France
Title: Recent Progress on Soft Transducers
Seiki Chiba, Chiba Science Institute, Japan
Title: Structural and thermal properties of reaction bonded SiC/Si composite
Chaoying Ni, University of Delaware, USA
Title: Tantalum Nitride Structure Selection and Carbon Diffusion
A Poulon-Quintin, University of Bordeaux, France
Title: Effects of walnut shell dusts and boron powders on evaluation of the friction and wear characteristics of the asbestos free brake pads
Hasan Oktem, University of Kocaeli, Turkey
Title: Effect of magnesia and zirconia on the mechanical and biological properties of calcium silicate ceramics at C\S ratio of 0.5
Amira M. M. AMIN, Central Metallurgical Research & Development Institute, Egypt
Title: THE SIGNIFICANCE OF OKPELLA GRANITE IN CERAMIC GLAZE FORMULAE
OTIMEYIN Pius, Auchi Polytechnic, Nigeria
Title: An Advanced Triple Thermal Treatment (TTT) for the Manufacturing of Carbon Fibres and Ceramic Composites
Angelo R Maligno, University of Derby, UK
Title: Magnetic properties in multi-layer ferrite thin films via spin-spray deposition
Hyoung Woo Yang, Korea Electronics Technology Institute, Republic of Korea

Title: Magnesium and platinum doped hydroxyapatite nanoparticles as multifunctional biocompatible-bactericidal composites
Carlos G Paucar, University of Sinú, Colombia
Speaker Slots available!! Submit abstract today to grab your slot... Submit your abstract
Title: Quantitate Assessment of ballistic damage of a plain-weave S-2 glass epoxy composite
Kadir Aslan, Morgan State University, USA
Title: In vitro behavior of Nurse´s A phase$_{ss}$, a new calcium silicophosphate ceramic for bone tissue engineering
Piedad N de Aza, Universidad Miguel Hernández, Spain
Title: The Properties of cement-based mortar using grinding waste pottery powder and gypsum
Seungyoung So, Chonbuk National University, South Korea
Title: About constructing a Nonlinear Model for Optimization of Physics-Mechanical Parameters for the Mode of Hardening Complex Metal Coatings
Vjacheslav Rusanov, Matrosov Institute for System Dynamics and Control Theory, Russia
Title: Poly(vinylidene-trifluoroethylene)/barium titanate composite for healing of bone detects of osteoporotic-like rats
Rossano Gimenes, Federal University of Itajubá, Brazil
Title: Carbides coatings deposited by new pulsed plasma technique
Yuliia Chabak, Priazovskyi State Technical University, Ukraine
Title: Critical Role of In-situ Formed Wide-Graphene Nanoribbons (Wide-GNRs) on the Mechanical and Thermal Shock Behaviours of Spark Plasma Sintered Titanium Carbide Composites
Sribalaji M, Indian Institute of Technology, India
Title: Mesoporous ZnFe2O4@TiO2 nanofibers fabricated via Electrospinning and PECVD for enhancement of photocatalytic properties
Amr A. Nada, Université Montpellier 2, France
Title: Microwave Synthesized Pyrochlore Zirconates Plasma Spray Powders
Kirti Teja, Christ University, India

Speaker Slots available!!
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Submit your abstract

****Note: Tentative Program has been designed with the projected Speakers Names and Titles. Dates and timings in this Program are subject to change**

To Book a Slot @ Ceramics2017

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Edward Charles
Program Director
Ceramics 2017

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