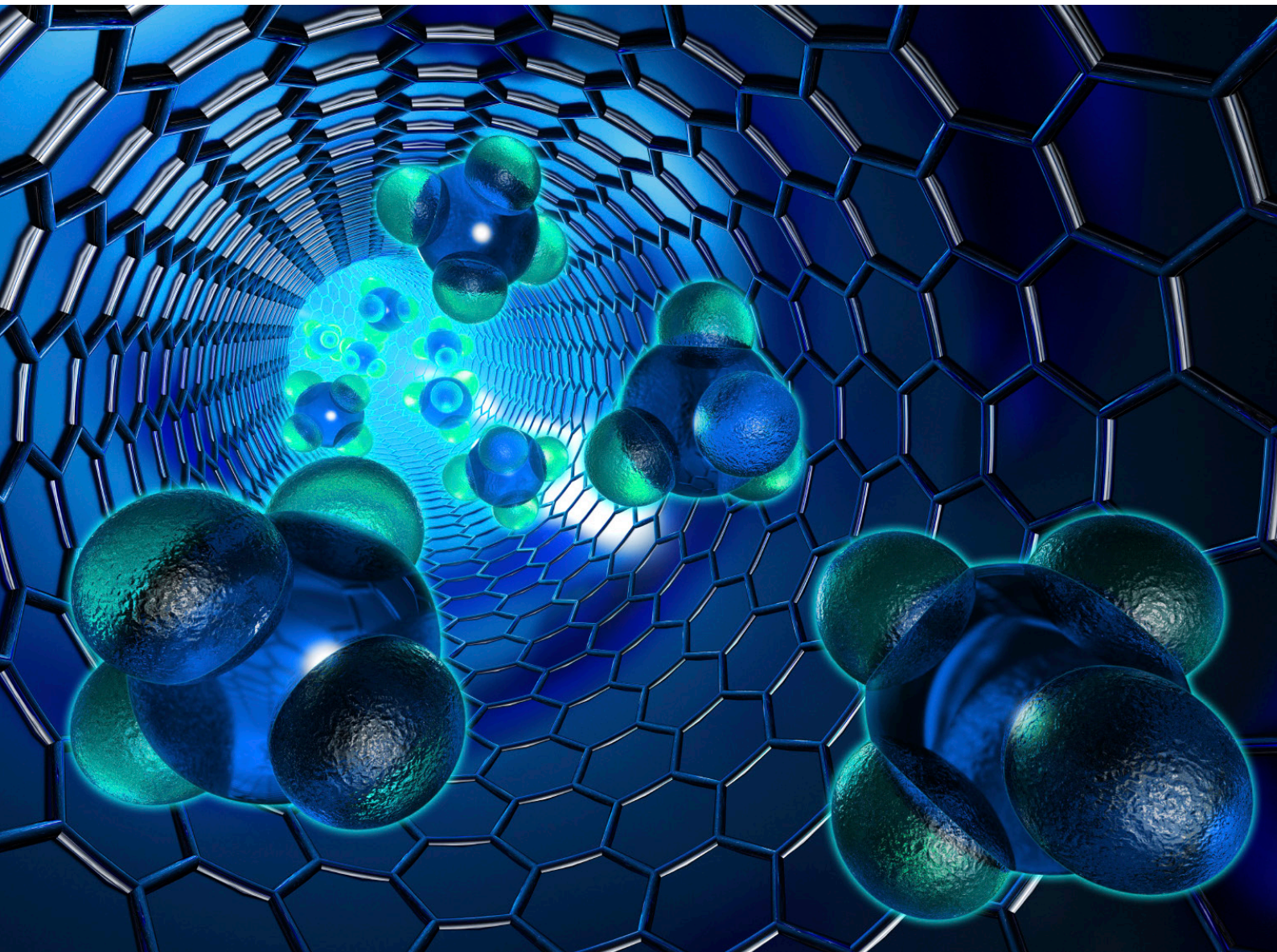


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3rd International Conference and Expo on

Ceramics and Composite Materials

June 26-27, 2017 Madrid, Spain



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conference**series**.com 09:00-09:30

Opening Ceremony

Keynote Forum

- 09:30-10:15** **Introduction**
Title: Glass-ceramic composites from the extrinsic to the intrinsic point of view
 Jesus Ma Rincon Lopez, Instituto de Ciencias de la Construcción Eduardo Torroja, Spain
- 10:15-11:00** **Title: Progress and Current Status of Electroactive Polymer Transducers**
 Seiki Chiba, Chiba Science Institute, Japan

Networking & Refreshments 11:00-11:20 @ Foyer

Sessions: Ceramics and Glasses | Composite Ceramic Materials | Ceramic Coatings

Session Chair: Nicolas Tessier-Doyen, SPCTS laboratory France

Session Introduction

- 11:20-11:50** **Title: Organized silicate-based composite materials: Mechanical and thermal properties related to processing**
 Nicolas Tessier-Doyen, SPCTS laboratory France
- 11:50-12:20** **Title: Synthesis and thermal stability of monodisperse $ZrO_2@SiO_2$ core-shell submicron particles**
 Maik Finsel, University of Hamburg, Germany
- 12:20-12:50** **Title: Development of glass-ceramics glazes formulated from industrial residues**
 Ester Barrachina Albert, Universitat Jaume I, Spain

Group Photo

Lunch Break 12:50-13:50 @ Zamora

- 13:50-14:20** **Title: Multiferroic and magnetoelectric properties of BCT-ZF ceramics**
 Rashmi Rani, Ecole Polytechnique, France
- 14:20-14:50** **Title: Tantalum nitride structure selection and carbon diffusion**
 A Poulon Quintin, Université de Bordeaux, France
- 14:50-15:20** **Title: Carbides coatings deposited by new pulsed plasma technique**
 Yuliia Chabak, Priazovskyi State Technical University, Ukraine

Sessions: Ceramics and Composites | Materials and Innovative Processing Ideas | Bioceramics and Medical Applications

Session Chair: Piedad N de Aza, Universidad Miguel Hernández, Spain

Session Introduction

- 15:20-15:50** **Title: Structural and thermal properties of reaction bonded SiC/Si composite**
 Chaoying Ni, University of Delaware, USA

Networking & Refreshments 15:50-16:10 @ Foyer

- 16:10-16:40** **Title: Consistency of 3D printing spodumene articles**
 Ming Xuan Gan, Nanyang Technological University, Singapore
- 16:40-17:10** **Title: Biphasic Si-Ca-P ceramic for regenerative medicine: scaffold processing and biocompatibility**
 Piedad N de Aza, Universidad Miguel Hernández, Spain

Panel Discussion

Day 2 June 27, 2017

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Keynote Forum

10:00-10:45 Title: Composite materials carbon/carbon, carbon SiC ceramic matrix
Giampaolo Crepaldi, Chevron Industries, UK

Networking & Refreshments 10:45-11:05 @ Foyer

Sessions: Advanced Ceramic Materials | Advanced Materials and Technologies | Functional Ceramics and Inorganics | Ceramics in Biology and Medicine

Session Chair: Françoise Nardou, University of Limoges, France

Session Introduction

11:05-11:35 Title: Self-propagating high-temperature synthesis, a sustainable approach to product ceramics and composites

Françoise Nardou, University of Limoges, France

11:35-12:05 Title: Recent progress on soft transducers

Seiki Chiba, Chiba Science Institute, Japan

12:05-12:35 Title: Revifeel Plus: Ceramic tiles with improved thermal comfort

Ana Sampaio, CeNTI, Portugal

12:35-13:05 Title: Magnesium and platinum doped hydroxyapatite nanoparticles as multifunctional biocompatible-bactericidal composites

Carlos García-Negrete, Universidad del Sinú, Colombia

Lunch Break 13:05-14:05 @ Zamora

Poster Presentations @ 14:05-14:35

CCM 01 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

CCM 02 Title: Electrical properties of glasses and glass-ceramics obtained from Canary Islands basalts

Jesus Ma. Rincon Lopez, Instituto de Ciencias de la Construcción Eduardo Torroja, Spain

CCM 03 Title: Quantitate assessment of ballistic damage of a plain-weave S-2 glass epoxy composite

Kadir Aslan, Morgan State University, USA

CCM 04 Title: The properties of cement-based mortar using grinding waste pottery powder and gypsum

Seungyoung So, CBNU, South Korea

Panel Discussion

Bookmark your dates

4th International Conference and Expo on

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