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Session Title: Nano-scale and Nanostructured Materials and Devices VIII  
Date & Time: **November 2, 2016 (Wed) / 10:15~12:00**  
Room: **H (Room 108)**

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*Session Chair: Alex Quandt (University of the Witwatersrand, South Africa)*

2H1-1

10:15~10:40

[Invited] Influence of the Microwaves on the TiO<sub>2</sub> Based Sol-Gel Processes and on the Properties of the Resulted Nanostructures

**Maria Zaharescu**

**Romanian Academy, Romania**

2H1-2

10:40~11:05

[Invited] Higher Quantum States of Colloidal Quantum Dot and Optoelectronic Applications

**Kwang Seob Jeong**

**Korea University, Korea**

*Session Chair: Redouane Borsali (University Grenoble Alpes & CERMAV-CNRS, France)*

2H1-3

11:05~11:30

[Invited] Self-Organized TiO<sub>2</sub> Nanotube Arrays: Formation, Features and Applications

**Patrik Schmuki**

**University of Erlangen-Nuremberg, Germany**

2H1-4

11:30~11:55

[Invited] In Situ Nanoparticlization of Conjugated Polymers

**Tae-Lim Choi**

**Seoul National University, Korea**