

セラミックス若手研究者シンポジウム

日程: 2012年3月7日

場所: 名古屋工業大学

招待講演

Olver P. Ernst (University of Toronto)

“Structural basis of rhodopsin activation”

Bryn A. Martin (Swiss Federal Institute of Technology)

“Research trends in neurohydrodynamics”

Julian R. Jones (Imperial College London)

“Tough bioactive hybrids for bone regeneration and the role of calcium”

三浦佳子 (九州大学)

“Glyco-polymers: The biomaterials with molecular recognition ability”





日程: 2012年3月8日-9日

場所: 吹上ホール

招待講演

Gavin Jell (UCL Medical School)

“O₂ regulating bioactive glasses: breathing new life into tissue engineering”

Ulrich Lohbauer (Friedrich-Alexander Universität Erlangen-Nürnberg)

“Mechanical aspects in dental restorative treatment with highly filled methacrylic polymer filling materials”

Dana Rohanová (Institute of Chemical Technology)

“The role of TRIS buffer at *in vitro* testing of glass-ceramics”

Emanuel Ionescu (Technische Universität Darmstadt)

“Polymer-derived ceramic nanocomposites (PDC-NCs) : synthesis approaches and high-temperature behavior”

Gabriela Mera (Technische Universität Darmstadt)

“Nanostructure, properties and applications of Si(B)CN polymer-derived ceramics: recent developments”

大幸裕介 (兵庫県立大学)

“Advanced functional Eco-glasses prepared via spinodal-type phase separation”

福島学 (産業技術総合研究所)

“Fabrication and microstructural control of macroporous ceramics”

Martyn A. McLachlan (Imperial College London)

“The role of metal oxides in plastic electronics”

Yiping Guo (上海交通大学)

“Photovoltaic and diode effect in BiFeO₃ thin films deposited on glass substrates with sol-gel method”

Sung-Soo Kim (忠南国立大学)

“Effect of conductive additives on the structural and electrochemical properties of Li₄Ti₅O₁₂ spinel”

Kisuk Kang (ソウル国立大学)

“Design of electrode materials for lithium rechargeable batteries by integrating *ab initio* calculations with experiments”

J.R. Duclère (Université de Limoges)

“Photoluminescence properties of Eu³⁺ doped ZrO₂ nanomaterials: determination of the various sites for the localization of Eu³⁺ ions and estimation of the corresponding proportions”

石川由加里 (ファインセラミックスセンター)

“Defects induced by mechanical treatment in 4H-SiC substrate”

不動寺浩 (物質・材料研究機構)



“Microstructure controlled advanced materials using templates of elastic silicone elastomer molds and colloidal crystals”

Tobias Fey (Friedrich-Alexander Universität Erlangen-Nürnberg)

“Cellular ceramics”

