

Special Seminar at NITech 2017 - Chemical formation, essential dynamics analysis, and novel functional properties of advanced ceramic-based materials-

～セラミックス学際連携 -合成・解析・機能発現- ～

Part 1 (Chemical Process)
酸窒化物の化学合成・光制御

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(date)
日時 : **8/25**

(Fri)
(金) 9:00 – 16:10

Room: NITech. Building 2 room No. 0221
会場：名古屋工業大学 2号館 0221教室

Program

9:05 – 9:10	Opening	
9:10 – 9:50	Dr. Ralf Riedel	Single-source precursor synthesis and properties of ternary nitrides in the system Si-M-N (M = Hf, V, Fe)
9:50 – 10:30	Dr. Zhaoju Yu	Si-based nanocomposites: single-source-precursor synthesis, microstructure and advanced properties
10:30 – 10:50	break	
10:50 – 11:30	Dr. Samuel Bernard	Design, Processing and Application of Polymer-Derived Multi-Element Ceramics in the Nitride, CarboNitride and Carbide
11:30 – 13:00	Lunch	
13:05 – 13:10	Opening of afternoon session	Brief introduction of “Proton implantation activity” JSPS project
13:10 – 13:50	Dr. Tanguy Rouxel	Viscous Flow And Elasticity Of Glass Near T _g : -Thermodynamics And Interatomic Bonding Character-
13:50 – 14:30	Dr. Satoshi Yoshida	An indentation microscope: A powerful tool for evaluating deformation and cracking in glass
14:30 – 14:50	break	
14:50 – 15:30	Dr. Shunsuke Murai	Control of photoluminescence by nanocylinder arrays made of less conventional plasmonic materials of Al and TiN
15:30 – 16:10	Dr. Yusuke Daiko	In-situ creep analysis under proton implantation for phosphate glasses utilizing an electrochemical indenter
16:10	Closing remarks	