

第10回 物質科学談話会

日時：令和元年9月9日（月） 15:30～17:00

場所：工学部5号館2階523講義室

講師：

Prof. Ralf Riedel (Technische Universität Darmstadt)

題目：

Advanced Polymer-Derived (Ultra)-High-Temperature Resistant Ceramic Nanocomposites for Energy Conversion and Storage

講演内容：

以下のトピックスについてご講演頂きます。

Polymer-derived ceramics capable to be operated at ultrahigh temperatures (i.e., T between 1200 and 1400 °C) as well as their potential for the fabrication of thermal barrier coatings (TBCs) and environmental barrier coatings (EBCs) and their physical and thermomechanical properties.

The application of polymer-derived ceramics for energy storage devices in form of novel anode materials for Li-ion batteries.

詳細は別紙予稿をご参照ください。

問合せ先：丹羽 健 (niwa@mp.pse.nagoya-u.ac.jp)