

**International Symposium on material informatics and novel material
processes**

September 5, 2023, 14:00~16:15 (JST)

AIST, Nagoya, Japan

Organized by Innovative Functional Materials Research Institute(IFM-RI),
National Institute of Advanced Industrial Science and Technology (AIST)
Sakurazaka, Moriyama-ku, Nagoya 463-8560 JAPAN

Organizer: Woosuck Shin*, Yuki Yamaguchi

*Contact address: w.shin@aist.go.jp (+81)-050-3648-6791

14:00-14:10 opening

Introduction of AIST and IFM-RI
Dr. Woosuck Shin
IFM-RI, AIST

14:10-15:10

Development of functional ceramics through combinatorial synthesis, high
throughput screening and machine learning.
Prof. Brian E. Hayden
Emeritus Professor of Chemistry University of Southampton, U.K.

15:10-15:15 break

15:15-15:35

High-throughput processing of metal nanopowder with low oxygen induction
thermal plasma system
Dr. Jian Wang
IFM-RI, AIST

15:35-16:10 Discussion

Discussion on functional ceramics and high throughput process.
Prof. Brian E. Hayden, Dr. Jian Wang, Dr. Woosuck Shin

16:10-16:15 closing