

**International Symposium on SPS 2021**

# **SPS2021**

Sept.26-29, 2021

Sakura Hall, Tohoku University, Sendai, Japan

**Symposium Chair: Takashi Goto, Tohoku University, JAPAN**

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# TENTATIVE TOPICS

- **Fundamental**

Modeling and Simulation / Analysis of sintering profile / Effect of Direct and Alternating Current and Electric Field

- **Processing**

Sintering with reaction and phase transformation / Sintering of innovative powder prepared for SPS / Combination of the other processes including magnetic-preforming, combustion synthesis, mechanical milling

- **Related Processing**

Flash sintering and microwave sintering

- **Advanced Materials**

Functional graded materials / Nanostructured materials / Structural materials including aerospace materials, cutting tool, targets / Functional materials including electronic, optic, magnetic, energy storage materials / Biomaterials

- **Industrial Application**

- **Modification of SPS Equipment**