



Global Situation of Light Metal Manufacturing



1st GRGLMM International Symposium

Virtual Conference, January 8th, 2021, Toyama, Japan



TOYAMA
ALUMINUM CONSORTIUM



Japan Society for Technology of Plasticity, Hokuriku Branch
The 26th Symposium by Extrusion Processing Subcommittee in JSTP

• **Focusing on**

Tribology in Manufacturing (Metal Forming, Machining), Joining, Aluminum Alloy, Titanium Alloy

• **Log in 8:00 ~**

Session Chair: Prof. Tohru Sasaki (University of Toyama)

- 9:00-9:20 Prof. Kuniaki Dohda (Northwestern University, US)**
"Global Activities of GRGLMM"
- 9:20-10:05 Dr. Sukunthakan Ngerbarnung**
(National Metal and Materials Technology Center (MTEC), Thailand)
"Introduction of MTEC and Overview of Aluminum Extrusion in Thailand."
- 10:05-10:50 Prof. Ramesh Kumar Singh (Indian Institute of Technology Bombay, India)**
"High-Speed Micromachining of Ti6Al4V and State of Light Metal Manufacturing in India."
- 10:50-11:00 <Break>**
- 11:00-11:45 Prof. Chengliang Hu (Shanghai Jiao Tong University, China)**
"Current Situation of Aluminum Alloy Forging and Tribology in China"
- 11:45-12:30 Prof. Ruxu Du (South China University of Technology, Guangzhou, China)**
"3D Printing of Patient-Specific Implant for Craniomaxillofacial Reconstruction"
- 12:30-13:30 <Lunch>**

Session Chair: Prof. Noriyasu Oguma (University of Toyama)

- 13:30-14:00 Prof. Toshiya Shibayanagi (University of Toyama, Japan)**
"Current Situation of Multi-Material Joining"
- 14:00-14:30 Prof. Tatsuhiko Aizawa (Surface Engineering Design Laboratory, Japan)**
"Dense SiC coating die-technology for galling-free forging Process."
- 14:30-15:00 Prof. Tomomi Shiratori (University of Toyama, Japan)**
"Deformation Mechanism in Multi-scale Forming Process."
- 15:00-15:10 <Break>**
- 15:10-15:40 Prof. Norio Takatsuji (University of Toyama, Japan)**
"Current Situation of Aluminum Extrusion in Toyama"
- 15:40-16:25 Prof. Laurent Dubar (Polytechnic University Hants de France, France)**
"Current Situation of Light Metal Manufacturing in Europe"
- 16:25-17:00 Summary Prof. Kuniaki Dohda (Northwestern University, US)**
"Future Trend in Advanced Manufacturing Process."

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Co-Chairs Norio Takatsuji (University of Toyama, Japan), Motohiro Toriyama (Toyama Industrial Tech. Research and Development Center, Japan)

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• Registration Fees

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• Contact

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• Bank Account (Domestic) to be transferred into:

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