Workshop on
Additive manufacturing of metallic parts with improved physical and mechanical properties for applications under severe conditions.
MOST project #2022851

Chair Prof N. Frage,
Ben-Gurion University of the Negev
Project coordinator

Main objective of the workshop is to discuss the results of ongoing MOST project and the progress of 3-D printing technology in Israel.

Location: BGU. Nano Institute Bld. 51, Room:15 (auditorium)
Refreshments: 09:30-10:00
Opening: 10:00 Chair Prof N. Frage
Greetings. Prof. Guy Makov, Vice-Dean of Engineering Sciences Faculty

Morning Session: 10:05-13:00
- 10:05-10:20 Dr. Andrey Broisman, Director of Applied Science and Engineering, (MOST)
  The mission of the Ministry of Science and Technology
- 10:20-10:35 Dr. Udi Galun (MAFAT)
  Status and perspective of 3-D printing in Israel
- 10:35-10:45 Prof. N. Frage, (BGU) Project coordinator
  Status of ongoing MOST project
- 10:45-11:15 Prof. Adin Stern (BGU)
  Microstructure and mechanical properties of AM-SLM Al10SiMg parts.
- 11:15-11:45 Prof. Haim Abramovich (Technion)
  Fabrication and mechanical properties of Ti6Al4V parts.
- 11:45-12:15 Dr. Eitan Tiferet (Kamag)
  Characterization of AM-processed metallic objects for applications under severe conditions.
- 12:15-12:30 Prof. Dan Blumberg, Vice-President & Dean for Research & Development.
  Greetings
- 12:30-13:00 Prof. Shmulik Hayun (BGU)
  Thermo-physical properties of AM-SLM Al10SiMg and Ti6Al4V parts.

Lunch: 13:00-14:00
Poster session 13:00-14:00
Afternoon Session: 14:00-16:00
- 14:00-14:20 Prof. N. Eliaz (TAU)
  Additive Manufacturing by Directed Energy Deposition and the New Center at Tel-Aviv University.
- 14:20-14:40 L. Zilberman (Magnet AATiD)
  Success stories of AATiD (Advanced Additive Titanium Development) consortium.
- 14:40-15:00 Y. Sharon "Sharon Tuvia (1982)" LTD
  Current Achievements & Future Developments.
- 15:00-15:20 Y. Cohen (Rafael)
  Additive Manufacturing of Advanced Ceramic Components in Rafael.

Closing remarks: 15:20-15:40