

AMDay 2020

Technion, October 12th, 2020

Opening Session 12:00-12:10

Session Chair: Gershon Elber

Session 1: Academic (12:10 – 13:10)

Session Chair: Wayne Kaplan

| Lecture | AFFILIATION | SPEAKER NAME | TITLE |
|----------------|---|---------------------|---|
| 1 | Department of Aerospace Engineering, Technion | Boris Leizeronok | Development of an Additively Manufactured Ultra Micro Gas Turbine |
| 2 | Department of Materials Science and Engineering, Technion | Ehud Almog | Hybrid hierarchical nanolattices with porous platinum coating |
| 3 | Israel Institute of Metals, Technion | Vladimir Popov | Material Design by Additive Manufacturing |

Break

Session 2: Industry (13:20-14:40)**Session Chair: Haim Rosenson**

| Lecture | AFFILIATION | SPEAKER NAME | TITLE |
|----------------|-----------------------------|----------------------|---|
| 1 | Haifa3D and Shaar Giora Ltd | Dr. Yacov Malinovich | Poly-Tungsten with 12g/cm ³ Density – Revolutionary FDM AM Printer |
| 2 | Stratasys | Zehavit Reisin | What's New with Materials? |
| 3 | Nano Dimension | Jaim Nulman | Additive Manufacturing for Electronics – Applicable Solutions |
| 4 | Precise Bio | Ariel Eisenbach | Industrial LIFT printing of biological tissues and other functional materials |

Break**Session 3: Academic (14:50-15:50)****Session Chair: Ezri Tarazi**

| Lecture | AFFILIATION | SPEAKER NAME | TITLE |
|----------------|---|---------------------|---|
| 1 | Faculty of Architecture and Town Planning, Technion | Alexander Geht | Horizontal Forming in Additive Manufacturing: Design and Architecture Perspective |
| 2 | Faculty of Architecture and Town Planning, Technion | Yoav Sterman | Nike Flyprint - From Design hacking to performance products |
| 3 | Mechanical Engineering, Technion | Yuval Harduf | Towards optimal dynamic response using AM based granular damping. |