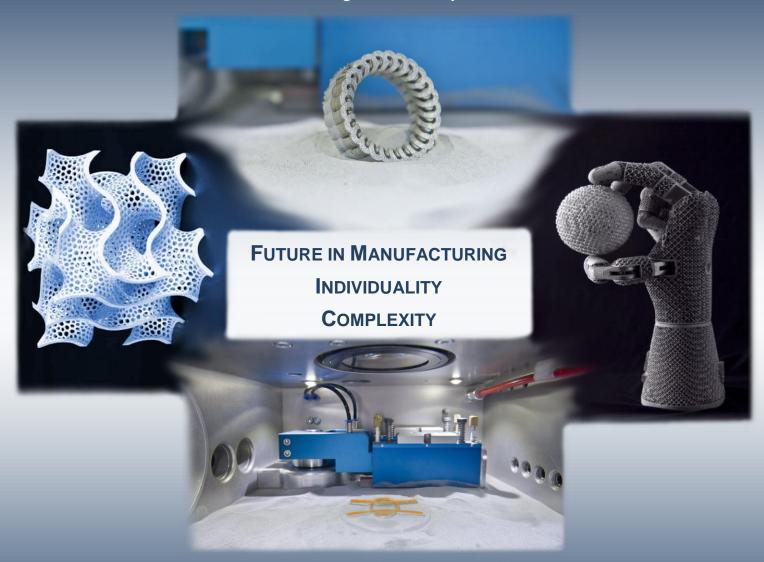




19th International SAOT Workshop on Laser Based Additive Manufacturing

April 29-30, 2013 Erlangen, Germany



Workshop Chair:

Prof. Dr.-Ing. Michael Schmidt (Chair)

Local Organizing Committee:

Dipl.-Ing. Michael Karg Ms. Christina Ort

	Monday, April 29
08:30	Registration
09:00	Schmidt, Michael – University of Erlangen-Nuremberg, Germany Welcome, Opening, Remarks and Brief Introduction to SAOT
09:15	Tromans, Graham - G.P. Tromans Associates, UK Global applications and Future perspective of Additive Manufacturing
10:15	Coffee break
10:40	Levy, Gideon - tba
11:40	Campbell, Ian – University of Loughborough, School of Design Research, UK Geometrical Freedom of Laser Sintering unlocks new Applications
12:40	Lunch break
13:55	Smurov, Igor - Directeur du laboratoire DIPI ENISE, France Integrated analysis of the direct metal deposition of steel-TiC composites by means of parametric study and optical diagnostics
14:55	Bergmann, André – Fraunhofer IPK, Berlin, Germany Publication Analysis of Additive Manufacturing and Experimental study on Tungsten Carbide Processing
15:55	End of the first Session

	Evening Program – Visit to Bamberg (*)
16:30	Bus Departure from Hotel "Schwarzer Adler" to Bamberg
	Guided Tour in Historic City Centre
20:00	Dinner at restaurant "Nepomuk"
	Bus Transfer back to "Schwarzer Adler"

(*) Applications are welcome (only restricted attendance possible)











	Tuesday, April 30
8:30	Zäh, Michael – Technical University of Munich, IWB, Germany Methods for Increasing and Assuring Part Quality in Laser Based Additive Manufacturing
9:30	Rehme, Olaf - Siemens AG, Berlin, Germany tba
10:30	Coffee break
10:55	Bartolo, Paulo - Polytechnic Institute of Leiria, Portugal tba
11:55	Palm, Frank – EADS Innovation Works, Ottobrunn, Germany To master & secure (high quality) Al-product materials by comprehensive pre- material (powder) & build-up process (parameter) knowledge
12:55	Lunch break
14:10	Das, Suman - Georgia Institute of Technology, George Woodruff School, USA Large Area Maskless Photopolymerization and Scanning Laser Epitaxy: Disruptive Technologies for Additive Manufacturing and Repair of Hot-section Turbine Engine Components
15:10	Bus Transfer from Uttenreuth to Institute of Photonic Technologies (LPT) and Bayerisches Laserzentrum (blz) in Erlangen
15:45	Lab - Tour at LPT and blz
16:45	End of the 19th International SAOT-Workshop





Institute of Photonic Technologies (LPT)
Paul-Gordan-Straße 3
91052 Erlangen
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19th International SAOT Workshop on Laser Based Additive Manufacturing

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Conference Venue:

Hotel Schwarzer Adler Marloffsteiner Straße 17 91080 Uttenreuth

www.schwarzer-adler-uttenreuth.de





Left: front of hotel "Schwarzer Adler", right: the "Gartensaal"