

NILindustrialday 2014

NILindustrialday – March 13 2014				
12:00 – 13:45	Registration for NILindustrialday	Saal Foyer		
13:45 – 14:00	Opening, welcome & agenda	Ursulinensaal	Gabi Grützner Michael Mühlberger Anton Freudensprung Alexander Pogany	micro resist techn. Profactor ecoplus bmvit
Session I		Ursulinensaal	chair: M. Mühlberger	Profactor
14:00 – 14:20	Aspects of cavity filling with nanoimprint		Hella-Christin Scheer	University Wuppertal
14:20 – 14:35	Latest Tool Developments for the Growing Industrial Interests in NIL		Jakob Harming	EV Group
14:35 – 14:50	NIL enabled Injection Moulding Production Technology for Multi-functional Nano-structured Plastic Components		Theodor Nielsen	NILT
14:50 – 15:05	Challenges for Nanoimprint Lithography / Workshops introduction		Iris Bergmair	Profactor
15:05 – 15:45	Coffee Break & Posters			
Workshops I				
15:45 – 17:15	Workshop 1: large area stamps	Ursulinensaal *	chair: M. Mühlberger	Profactor
15:45 – 17:15	Workshop 2: materials for NIL	Saal A *	chair: H. Schiff	PSI
15:45 – 17:15	Workshop 3: NIL for additive manufacturing	Saal B *	chair: I. Bergmair	Profactor
17:15 – 17:45	Coffee Break & Posters			
Session II		Ursulinensaal	chair: A. Schleunitz	micro resist technology.
17:45 – 18:00	Summary of Workshops 1 – 3		workshop chairs	
18:00 – 18:20	Dimensional and defectivity metrology in NIL and NIL-related nanofabrication technologies		Nikos Kehagias	ICN Barcelona
18:20 – 18:40	Energy-based thermal reflow simulation for 3D pattern origination		Robert Kirchner	PSI
18:40 – 19:00	Surface micro/nano-patterning for functional glazing in Saint-Gobain		Francois Guillemot	Saint Gobain Glass
19:00	Closing of day 1		M. Mühlberger	Profactor
19:00 – 19:15	walk to Pöstlingbergbahn all together	meeting point foyer		
19:15 – 19:45	ride with Pöstlingbergbahn			
19:45 – open end	Conference Dinner	Pöstlingbergschlössl		

NILIndustrialday – March 14 2014				
08:30 – 08:40	Opening of NILIndustrialday (Part 2)	Ursulinensaal	Michael Mühlberger	Profactor
Session III		Ursulinensaal	chair: Stefan Landis	CEA
08:40 – 09:00	Nanoimprint Lithography for fabricating nanophotonic devices		Christophe Peroz	aBeam, molecular foundry, Berkeley
09:00 – 09:10	Materials for roll-to-roll nanoimprinting		Manuel Thesen	micro resist technology
09:10 – 09:30	Surface Micro/Nano- Topographies Engineered Polymers for Applications in Lifestyle and Biology		Jaslyn Law	IMRE, a*star, Singapore
09:30 – 09:50	Magnetic field assisted micro contact printing: a new concept and its applications		Jean-Christophe Cau	Innopsys
09:50 – 10:10	Large Area Seamless Roller Mold using Fast EB Lithography for R2R Process		Tsuneharu Tanaka	Asahi Kasei
10:10 – 10:45	Coffee Break & Posters			
Workshops II				
10:45 – 12:15	Workshop 4: nano injection molding	Gewölbensaal *	chair: M. Rohn	Profactor
10:45 – 12:15	Workshop 5: NIL for Life Sciences	Saal A *	chair: G. Bauer	SONY DADC
10:45 – 12:15	Workshop 6: NIL roadmap	Ursulinensaal *	chair: M. Mühlberger	Profactor
12:15 – 13:30	Lunch	Saal Foyer		
Session IV			chair: E. Lausecker	JKU
13:30 – 13:45	Summary of Workshops 4 – 6	Ursulinensaal	workshop chairs	
13:45 – 13:55	Hybrid materials for micro-optical applications		Arne Schleunitz	micro resist technology
13:55 – 14:15	Fabrication of array masters for UV-replication of aspheric micro-lenses for imaging applications		Frank Wippermann	Fraunhofer IOF
14:15 – 14:30	Closing of NILIndustrialday		Michael Mühlberger	Profactor

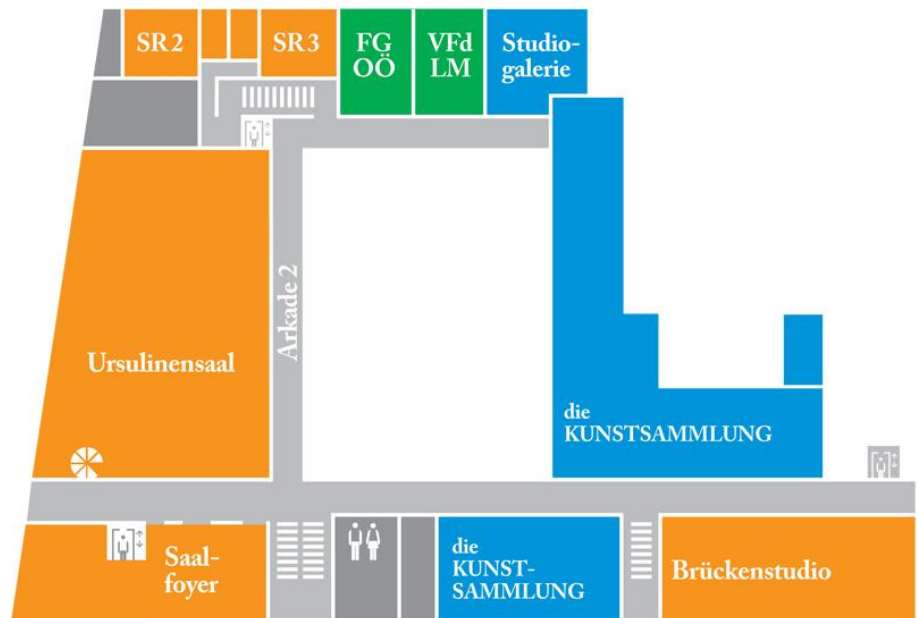
NILIndustrialday (Networking) – March 14 Afternoon (not included in conference fee)				all who are interested
15:00 – 18:00	On-site visit voestalpine Stahlwelt			
19:00 – open end	Dinner at restaurant Schlossbrasserie			
NILIndustrialday (Skiing) (not included in conference fee)				all who are interested
08:00 – 09:00	Transfer to skiing area:		incl. rental of equipment	
09:00 – 17:30	Skiing	Hinterstoder		
17:30 – 19:00	Transfer back to Linz			

Meeting Venue:

OÖ Kulturquartier (Ursulinensaal)
OK Platz 1
4020 Linz(AT)

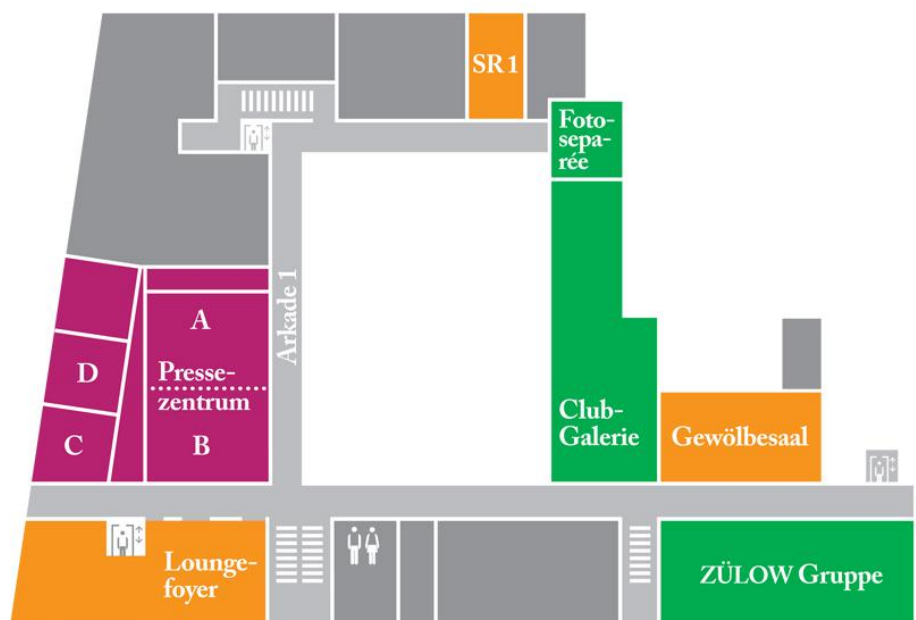
2nd floor:

“Plenary”



1st floor:

**“additional
workshop
rooms”**



Project Dinner (Wed, 12 March 2014, 19:00)

(included in conference fee for NILaustria and
BIG members and invited plenary speakers)

Restaurant CUBUS

Ars-Electronica-Straß 1

4040 Linz

<http://www.cubus.at/>



Conference Dinner (Thu, 13 March 2014, 19:45)

(included in conference fee for all participants)

Transfer together with Pöstlingbergbahn:

<http://en.wikipedia.org/wiki/Pöstlingbergbahn>

Restaurant PÖSTLINGBERGSCHLÖSSL

Am Pöstlingberg 14

4043 Linz

<http://poestlingberg.at/>



On-site visit (Fri, 14 March 2014, 15:00)
(not included in conference fee)

Voestalpine Stahlwelt
<http://www.voestalpine.com/stahlwelt/en>



Informal Dinner (Fri, 14 March 2014, 19:00)
(not included in conference fee)

Restaurant Schlossbrasserie
Schlossberg 1°
4020 Linz
<http://www.schlossbrasserie.at/>



Skiing (Sat, 15 March 2014, 08:00-19:00)
(not included in conference fee)

Details to be announced
during the meeting

