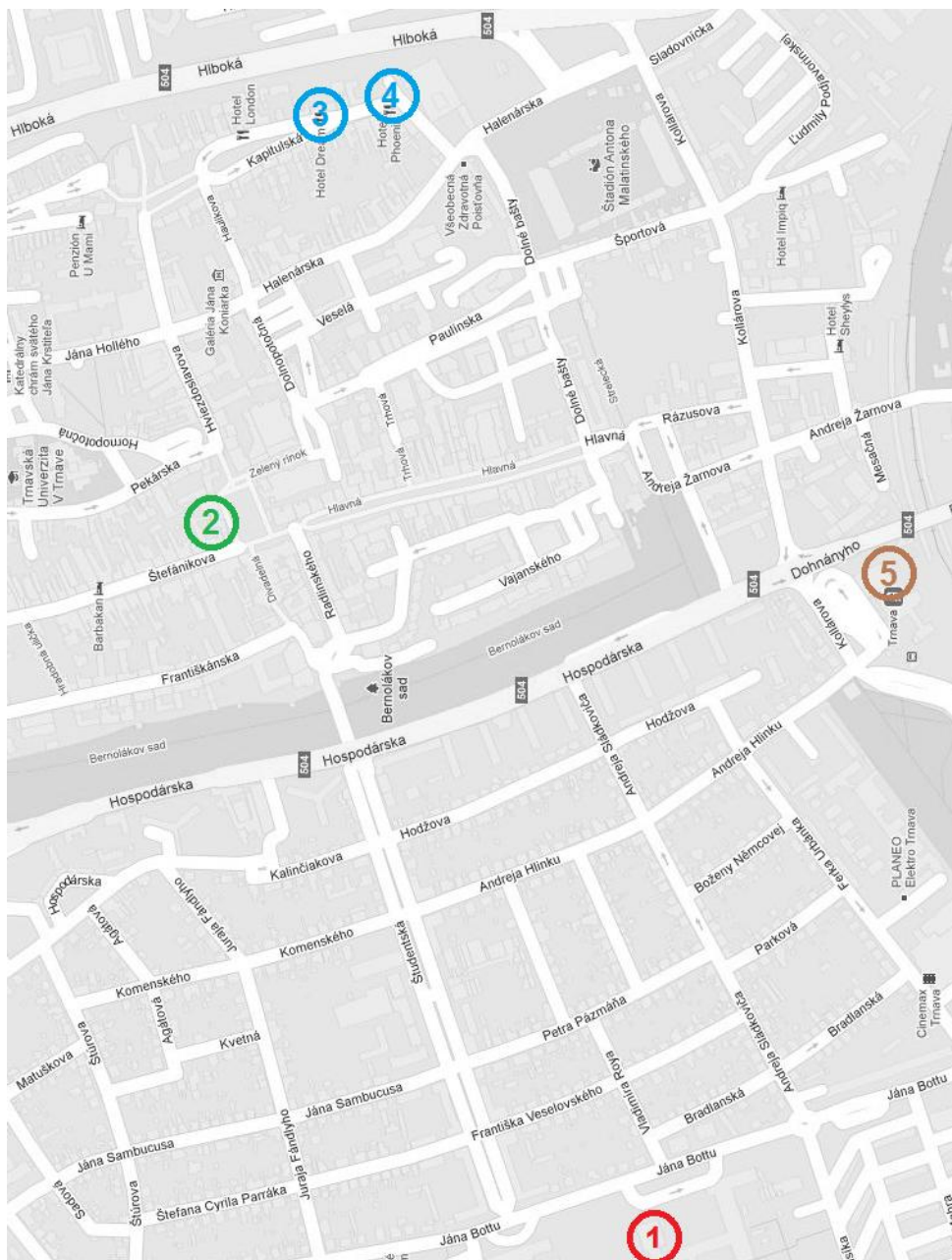




Orientation map:

1 - Campus Bottova of STU (seminar rooms, lunch and dinner)

2 - City tower

3 - Hotel Dream

4 - Hotel Phoenix

5 - Railway station



7th Seminar for Central European PhD Students Research in Materials Science 15 - 16th November 2012 in Trnava

Timetable

Thursday, 15th November		
Time	Room No. 214	Room No. 213
8:00	Registration (Room No. 202)	
9:00	Official opening (Room No. 202)	
	Session Chair: Dr. Falahati & Prof. Janovec	Session Chair: Ass. Prof. Poleti & Dr. Simančík
9:10	Georg Stechauner (TUW): <i>Simulation of precipitates in complex steels</i>	Michaela Poková (KU): <i>Investigation of precipitation in AW 3003 aluminium alloys by in-situ TEM</i>
9:40	Stojan Vujic (TUG): <i>Numerical modelling and validation of precipitation kinetics in advanced creep resistant austenitic steel</i>	Martin Sahul (STU): <i>Thermal stability of AlCrN/CrAlN multilayer at higher temperatures</i>
10:10	Coffee break (Room No. 202)	
10:40	Dilek Halici (TUG): <i>Studies on hot deformation of titanium aluminides</i>	Ricardo Fernández Gutiérrez (TUW): <i>3D characterization of cast AlCu alloys for cylinder heads</i>
11:10	Pere Barriobero Vila (TUW): <i>Phase transformation kinetics in $\alpha+\beta$ and near-β titanium alloys</i>	Wu Jun (TUW): <i>Thermo-kinetic simulation of differential scanning calorimetric curves of Al-Cu alloys</i>
11:40	Alena Klimová (SAWM): <i>Distribution of main alloying elements during directional solidification of Ti-44Al-5Nb-0.2B-0.2C alloy</i>	Jan Čapek (KU): <i>In-situ neutron diffraction and acoustic emission investigation of twinning activity in magnesium</i>
12:10	Jana Šmilaeurová (KU): <i>Phase transformations and micro-structure changes in TIMETAL LCB</i>	Gergely Farkas (KU): <i>Strengthening mechanisms in AJ51 magnesium alloy reinforced with short Saffil® fibers</i>
12:40	Lunch	

	Room Nr. 214	Room Nr. 213
	Session Chair: Prof. Groma & Ass. Prof. Chmelík	Session Chair: Prof. Lendvai & Prof. Dusza
13:40	Bertalan Jóni (ELTE): <i>The role of dislocations in the strength of submicron grain size Ta and Nb</i>	Kerem Ilyas Öksüz (TUW): <i>Experimental quantification and modelling of the cast condition of primary intermetallics in 6xxx aluminium alloys series</i>
14:10	Tomasz Wójcik (TUW): <i>Nb(C, N) precipitation in microalloyed steel: simulation and TEM analysis</i>	Robert Koos (TUW): <i>Effect of 3D networks formed by Ni, Cu and Fe aluminides on the strength of Al-Si piston alloys</i>
14:40	Gyula Zilahi (ELTE): <i>Single crystal microstructure in polycrystalline aggregates</i>	Andrej Opálek (SAVM): <i>Reactive infiltration of nickel powders with aluminium</i>
15:10	Coffee break (Room No. 202)	
15:40	Asmir Kuduzovic (TUG): <i>Delayed fracture susceptibility of high strength quenched steel</i>	Tomáš Švantner (SAVM): <i>Al-AlN composites prepared by in-situ nitridation of aluminium powders</i>
16:10	Anamária Duszová (SAVR): <i>Indentation testing of WC - Co cemented carbides</i>	Siamak Rafiezadeh (TUW): <i>Microstructural evolution during homogenization of Al-Zn-Mg aluminum alloy</i>
16:40	Zoltan Hegedus (ELTE): <i>Thermal stability of low stacking fault energy silver processed by equal-channel angular pressing</i>	Libor Ďuriška (STU): <i>Investigation of complex metallic alloys of Al-Pd system</i>
17:10	Excursion around laboratories	
18:30	Seminar dinner in Campus STU Bottova until 22:00	

Time	Friday, 16th November	
	Room Nr. 214	Room Nr. 213
8:30	Visit to city tower	
	Session Chair Prof. Ungár & Ass. Prof. Requena	Session Chair Dr. Warchomicka & Dr. Dobroň
10:00	Jitka Vrátna (KU): <i>Properties of MgAlZn alloys processed by HPT</i>	Peter Szabó (ELTE): <i>Statistical properties of plastic flow</i>
10:30	Kseniya Illkova (KU): <i>Effect of calcium and rare earth elements on the microstructure, texture and plastic deformation of extruded magnesium - manganese alloys</i>	Mohamed Ezzeldien (ELTE): <i>Exploring plastic deformation of bulk metallic glasses by acoustic emission during torsional deformation</i>
11:00	Peter Minárik (KU): <i>Effect of ECAP processing on corrosion resistance of AE21 and AE42 magnesium alloys</i>	Lucas Witwer (TUG): <i>Modelling of pinstructures</i>
11:30	Tomáš Krajňák (KU): <i>Effect of procession route on the microstructure and mechanical properties of creep resistant magnesium alloy AX 41</i>	Ľubomír Orovčík (SAVM): <i>Possibilities of lightweight design using aluminum foam</i>
12:00	Lunch	
12:30	Jozef Strásky (KU): <i>Characterization of biomedical beta titanium alloys with Fe and Si additions</i>	Peter Jenei (ELTE): <i>High temperature thermal stability of pure copper and copper - carbon nanotube composites consolidated by high pressure torsion</i>
13:00	Radoslav Halgaš (SAVR): <i>Indentation testing of human enamel</i>	Pavel Bílek (STU): <i>Quantification of structural changes in Cr-V ledeburitic tool steels depending on austenitization temperature</i>
13:30	Daniel Tüzec (ELTE): <i>Asymmetric X-ray line broadening caused by dislocation polarization induced by external load</i>	
14:00	Coffee break and seminar closing (Room No. 202)	