



**SUPER LIGHT-WEIGHT THERMAL PROTECTION SYSTEM FOR SPACE APPLICATION  
(LIGHT-TPS 607182)  
M30 Progress Meeting Agenda**

**Host:** FRANTSEVICH INSTITUTE FOR PROBLEMS OF MATERIALS SCIENCE OF NATIONAL ACADEMY OF SCIENCE OF UKRAINE (IPMS)

**Date:** 25-26<sup>th</sup> October 2016

**Venue:**

Sofievsky Posad Hotel  
Ukraine, Kyev, Sofievskaya Borshagovka, Kyevs kaya str.,  
81/2  
<http://www.posad-hotel.com.ua/>

**Tuesday, 25 October 2016**

Time	Duration (min)	Subject	Who
9:00	10	Welcome from IPMS Scope of M30 Progress Meeting	Irina BILAN, IPMS María PARCO (Coordinator)
9:10	20	<b>WP7.</b> Management and Administration: Contractual and administrative coordination aspects (reporting schedule, resources follow-ups and official reports, internal communication).	María PARCO (TECNLIA)
9:30	20	<b>WP6.</b> Technical coordination and risk management: RTD coordination aspects (work progress reports and deliverables, monitoring, control & quality management, ethical issues).	María PARCO (TECNLIA)
9:50		<b>WP2:</b> Development of powder alloys on the basis of NiCr and Nb for heat resistant metallic frame of TPS	
9:50	40	Concluding report on activities in Tasks 2.1, 2.2 and Task 2.3	Irina BILAN, IPMS
10:30	20	Material modelling in Task 2.1 / 2.3	Vitaliy YATSENKO, SRI
10:50	20	Coffee break	
11:10		<b>WP3:</b> Development of super-light multilayer TPS for reusable space systems	
11:10	40	Development of the TPS design in Task 3.1 / Status, progress and next steps of Task 3.2 / Planning of activities in Task 3.3	YUZHNOYE
11:50	40	Development of welding technology in Task 3.1 / Manufacture of TPS components in Task 3.2	Iurii FALCHENKO, IEW
12:30	30	Welding process modelling in Task 3.1	Vitaliy YATSENKO,

			SRI
13:00	60	Lunch at the Sofievsky Posad Hotel	
14:00		<b>WP4:</b> Development of UHTC and gradient coatings on its basis for metallic and non-metallic materials	
14:00	30	Production and characterization of UHTCs (bulk & coatings)	Laura SILVESTRONI, CNR
14:30	30	Production and characterization of UHTCs (bulk & coatings)	Irina BILAN, IPMS
15:00	30	Development of UHTC coatings and test specimens	Iñaki FAGOAGA, TECNALIA
15:30	20	Coffee break	
15:50	40	Advanced UHTC testing (bulk & coatings)	Markus KUHN, DLR
16:30	20	Material modelling – work progress	Vitaliy YATSENKO, SRI
16:50	20	<b>WP5:</b> Dissemination, Education and Exploitation (promotional materials, workshop planning at ILA2016, patent plan follow-up)	Arnold STERENHARZ (ECM, WP leader)
17:10	20	<b>WP6.</b> Technical coordination and risk management (action items for the <u>last</u> 6-month period, next meeting planning, questions)	All
17:30		End of the M30 progress meeting	
19:00		Dinner at the Sofievsky Posad Hotel	Voluntary

### Wednesday, 26 October 2016

Time	Duration (min)	Subject	Who
8:30	2 ½ h	Visit to IPMS	Voluntary
11:00	2 ½ h	Visit to IEW	Voluntary
13:30		End of the lab tours	