

## InnoHPC training: Capacity building for HPC providers and SMEs

*InnoHPC training: Capacity building for HPC providers and SMEs will be dedicated to developing HPC capacity building tools and programmes for SMEs (automotive and electronic) and HPC providers in order to deliver functionality of the InnoHPC Lab after the end of the InnoHPC project.*

<b>Thursday, 20th SEPTEMBER 2018</b>	
08:00 – 09:00	<b>Registration</b> (West University of Timisoara, ground floor, room 045C)
09:00 – 9:20	<b>Opening.</b> Chair: Erika Abraham
9:20 – 10:10	<b>SYNASC plenary session.</b> Chair: Erika Abraham David Monniaux – Invited talk
10:10 – 10:30	<b>Coffe break</b>
10:30 – 12:30	<b>InnoHPC Workshop I.</b> Chair: Viorel Negru  Presentation of InnoHPC Project  HPC in Romania, analyses of current situation. HPC trends, advantages using HPC in automotive and electronic industries  InnoHPC Technology Transfer Process, Intellectual Property Rights (IPR) and Digital transformation guidelines. Worksheets on Technology Transfer and industrial position  West University of Timisoara tour including HPC infrastructure, short presentation on spot
12:30 – 13:30	<b>Lunch</b>
13:30 – 15:00	<b>InnoHPC Workshop II.</b> Chair: Dana Petcu  Case study - Challenges for an HPC academic center in serving SMEs  Hands on lab - Running simulations on Supercomputer

	Worksheets on HPC usage and sharing experience
15:00 - 15:20	<b>Coffee break</b>
15:00 - 17:00	<b>SYNASC workshop session</b> Distributed Computing. Chair: Marc Frincu
17:00 - 17:20	<b>Coffee break</b>
17:20-18:20	<b>SYNASC workshop session</b> Digital Image Processing for Medical and Automotive Industry. Chairs: Debora Gil and Mihail Gaianu
18:30 - 20:00	<b>Welcome reception</b>

<b>Friday, 21th SEPTEMBER 2018</b>	
09:00 - 09:50	<b>SYNASC plenary session. Chair: Tudor Jebelean</b> Andrei Voronkov - Invited talk
09: 50- 10:10	<b>Coffe break</b>
10:10 - 11:50	<b>HPC Workshop. InnoHPC Workshop III. Chair: Dana Petcu</b> InnoHPC PP's meeting: Determine the benefits of workshop in order to collect participant's experiences and use it for development of InnoHPC Lab. InooHPC lab platform testing.
12:00 - 13:00	<b>Lunch</b>
13:30 - 13:50	<b>SYNASC plenary session. Chair: Tudor Jebelean</b> Dorel Lucanu - Invited talk
13:50 - 14:10	<b>Coffee break</b>
14:10 - 17:50	Worksheets on providing solutions to the received problem  Networking session
17:00 - 17:20	<b>Coffee break</b>
17:30 - 19:10	<b>Industrial session. Closing remarks</b>