



# Wrap-up session – Day 1

A. Henriques

Cryogenic Safety – HSE Seminar  
21<sup>st</sup> September 2016  
CERN



# Day 1 – Questions ??

<b>Welcome Speech</b>	<i>Simon Baird</i>
503-1-001 - Council Chamber, CERN	09:00 - 09:15
<b>Introduction and summary</b>	<i>Andre Henriques</i>
503-1-001 - Council Chamber, CERN	09:15 - 09:30
<b>European standardization activities on safety of liquid helium cryostats</b>	<i>Steffen Grohmann</i>
503-1-001 - Council Chamber, CERN	09:30 - 10:00
<b>Cryogenic safety organisation at CERN</b>	<i>Carlos Arregui Rementeria</i>
503-1-001 - Council Chamber, CERN	10:00 - 10:20
<b>Coffee Break</b>	
503-1-001 - Council Chamber, CERN	10:20 - 10:45
<b>Dynamic Modeling of the Pressure Increase in LHe Cryostats in Case of Incidents</b>	<i>Carolin Heidt et al.</i>
503-1-001 - Council Chamber, CERN	10:45 - 11:05
<b>Numerical study of emergency cryogenics gas relief into confined spaces</b>	<i>Dr. Ziemowit Malecha et al.</i>
503-1-001 - Council Chamber, CERN	11:05 - 11:25
<b>The PICARD Test Facility - KIT/CERN Collaboration on Cryogenic Pressure Relief Experiments</b>	<i>Carolin Heidt et al.</i>
503-1-001 - Council Chamber, CERN	11:25 - 11:45
<b>Quantification of heat flux in supercritical helium</b>	<i>Mr. Eric Ercolani et al.</i>
503-1-001 - Council Chamber, CERN	11:45 - 12:05
<b>Heat flux to the helium cryogenic system elements in the case of incidental vacuum vessel ventilation with atmospheric air</b>	<i>Jaroslav Polinski et al.</i>

<b>Controlled Cold Helium Spill Test in the LHC Tunnel at CERN</b>	<i>Torsten Koettig</i>
503-1-001 - Council Chamber, CERN	14:00 - 14:20
<b>Cryogenic Risk Assessments before Works in the LHC Tunnel</b>	<i>Thomas Otto</i>
503-1-001 - Council Chamber, CERN	14:20 - 14:40
<b>Approach to modeling of the fast energy discharge in cryogenic systems in the form of an electric arc</b>	<i>Jaroslav Polinski et al.</i>
<b>Cryogenic Hazard at ESS – strategy, safety studies and lessons learned</b>	<i>Mr. Duy Phan</i>
503-1-001 - Council Chamber, CERN	15:00 - 15:20
<b>Oxygen deficiency at CERN: Hazards, risks &amp; mitigation measures</b>	<i>Gunnar Lindell</i>
503-1-001 - Council Chamber, CERN	15:20 - 15:40
<b>Coffee Break</b>	
503-1-001 - Council Chamber, CERN	15:40 - 16:05
<b>Knowledge Transfer at CERN</b>	<i>Zoe Lawson</i>
503-1-001 - Council Chamber, CERN	16:05 - 16:25
<b>Kryolize - KT Fund Project</b>	<i>Andre Henriques et al.</i>
503-1-001 - Council Chamber, CERN	16:25 - 16:45
<b>An Innovative Cryogenic Safety Valve Dimensioner - Kryolize®</b>	<i>Mr. Sebastian Protz</i>
503-1-001 - Council Chamber, CERN	16:45 - 17:05
<b>Software used to size the safety devices</b>	<i>Jean-Marc Poncet et al.</i>
503-1-001 - Council Chamber, CERN	17:05 - 17:25

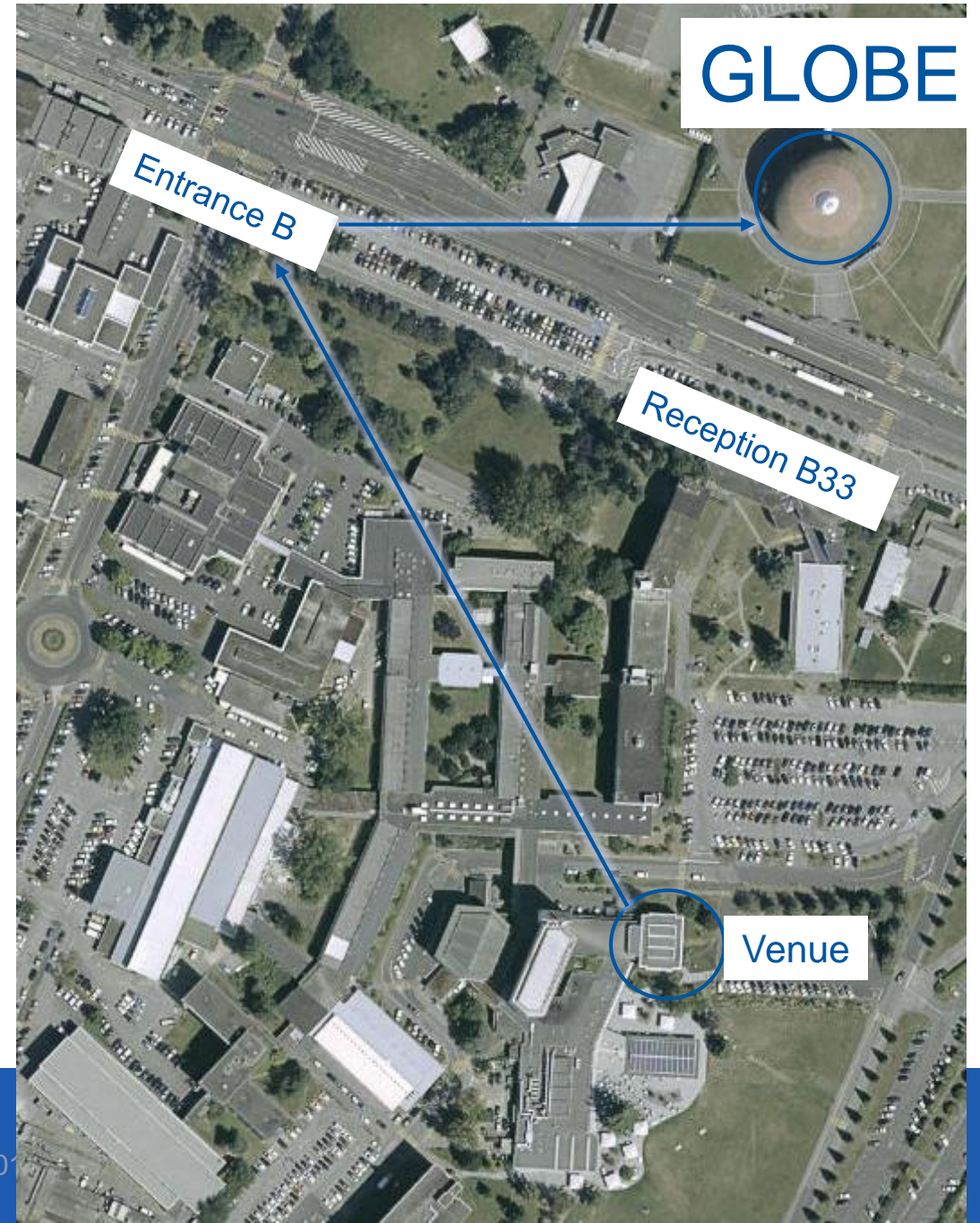
# Social Events

- Evening of Day 1 – 21<sup>st</sup> September

18:00	<b>Exhibition "Universe of Particles"</b>	
	<i>80-1-001 - Globe of Science and Innovation, CERN</i>	17:45 - 18:50
	<b>Group photo - In front of the GLOBE</b>	
	<i>80-1-001 - Globe of Science and Innovation, CERN</i>	18:50 - 19:00
19:00	<b>Get together - Cocktail dinner at GLOBE (limited subscriptions)</b>	

# Social Events

@ Globe of Science  
and Innovation



Thank you all for your presence !



# CRYOGENIC SAFETY

**HSE** Occupational Health & Safety  
and Environmental Protection unit

# SEMINAR

**21-23 September 2016 CERN**

Enjoy the  
evening !

