

Cryogenic Safety - HSE seminar

Wednesday 21 September 2016

R&D in Cryogenic Safety: (1/2) - 503/1-001 - Council Chamber (10:45 - 12:25)

-Conveners: Laurent Jean Tavian

| time | [id] title | presenter |
|-------|---|----------------------|
| 10:45 | [54] Dynamic Modeling of the Pressure Increase in LHe Cryostats in Case of Incidents | HEIDT, Carolin |
| 11:05 | [38] Numerical study of emergency cryogenics gas relief into confined spaces | Dr MALECHA, Ziemowit |
| 11:25 | [51] The PICARD Test Facility - KIT/CERN Collaboration on Cryogenic Pressure Relief Experiments | HEIDT, Carolin |
| 11:45 | [41] Quantification of heat flux in supercritical helium | Mr ERCOLANI, Eric |
| 12:05 | [74] Heat flux to the helium cryogenic system elements in the case of incidental vacuum vessel ventilation with atmospheric air | POLINSKI, Jaroslaw |

Thursday 22 September 2016

R&D in Cryogenic Safety: (2/2) - 503/1-001 - Council Chamber (14:00 - 15:40)

-Conveners: Philippe Lebrun

| time | [id] title | presenter |
|-------|--|----------------------|
| 14:00 | [39] Safety in Cryogenics – Safety device sizing | Mr ERCOLANI, Eric |
| 14:20 | [52] Investigation of Two-Phase Flow in Cryogenic Pressure Relief Devices | WEBER, Christina |
| 14:40 | [66] Sizing of safety valves for multi-phase flow - ISO 4126 and state of knowledge | SCHMIDT, Jürgen |
| 15:00 | [69] Numerical study of saturation steam/water mixture flow and flashing initial sub-cooled water flow inside throttling devices | DANG LE, QUANG |
| 15:20 | [37] The numerical evaluation of the minimal outlet area of the safety valve in the pipelines of cryogenic installations | Dr MALECHA, Ziemowit |