Session Program

9-13 Apr 2018



FCC Week 2018 Infrastructure and operation

Beurs van Berlage Damrak 243, 1012 ZJ Amsterdam, Netherlands

Wednesday 11 April

08:30 Infrastructure and operation: Civil engineering, geodesy, alignment, transport, logistics (review) Session | Location: 1.9, P4 Berlage zaal | Convener: Christian Prasse 08:30-08:55 Civil engineering developments Speaker John Andrew Osborne 08:55-09:15 Geodesy and Geodetic Infrastructure Speaker Mark Jones 09:15-09:35 The survey and alignment of the FCC Speaker Dominique Missiaen 09:35-10:00 Transport and logistics concept Speaker Andreas Nettstraeter 10:00 10:30 Infrastructure and operation: Cryogenics (review) Session | Location: 1.9, P4 Berlage zaal | Convener: Christoph Haberstroh 10:30-10:55 Transient modes and their impact on the cryoplant size and operation margins **Speaker** Laurent Jean Tavian Industrial engineering study of FCC-hh refrigerators 10:55-11:20 Speaker Francois Millet 11:20-11:40 Cool-down and transient operation with the Nelium cycle Speaker Steffen Kloeppel 11:40-12:00 Staging and design of the cryogenic system for FCC-ee and HE-LHC Speaker Laurent Jean Tavian 12:00 13:30 Infrastructure and operation: Cooling and ventilation, electrical distribution, energy management (review) **Session** | **Location:** 1.9, P4 Berlage zaal | **Convener:** Roberto Losito 13:30-13:55 Development for cooling and ventilation systems

Speaker Mauro Nonis Conceptual powering layout for FCC-hh, FCC-ee, and HE-LHC 13:55-14:20 Speaker Davide Bozzini 14:20-14:40 Advanced Power-Quality Technologies for Future Circular Collider (FCC) Speaker Thomas Hohn **Energy management and efficiency** 14:40-15:00 **Speaker** Volker Mertens Infrastructure and operation: Operation, reliability, radiation (review) Session | Location: 1.9, P4 Berlage zaal | Convener: Thomas Schörner-Sadenius 15:30-15:55 Maintenance aspects and operational cycle Speaker Arto Niemi Conclusions on availability studies for the Future Circular Collider 15:55-16:15 Speaker Andrea Apollonio 16:15-16:35 Radiation environment assessment in the Experimental Insertion Region

17:00

Speaker

Speaker Markus Widorski

Dr Angelo Infantino

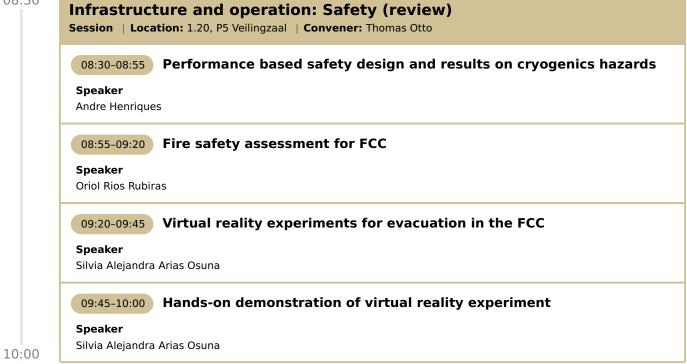
15:00

15:30

16:35-17:00 Results from Radiation Protection Studies

Thursday 12 April

08:30



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