

15th European Vacuum Conference (EVC-15)

Wednesday 20 June 2018

Vacuum in Accelerators - Room 2 (15:20 - 16:40)

-Conveners: Kun Liu

time	[id] title	presenter
15:20	[242] Technological challenges and solutions for vacuum systems of modern particle accelerators	Dr MALYSHEV, Oleg
15:40	[241] Computer simulation of pressure distribution and ion beam efficiency in accelerator vacuum chambers for designing vacuum system of cyclotron complexes	Dr TIKHOMIROV, Alexander
16:00	[233] Development of a coating setup for in-situ deployment of an amorphous carbon thin film in the beam screens of the High Luminosity Large Hadron Collider.	Mr COSTA PINTO, Pedro
16:20	[227] Investigation of copper conditioning and deconditioning processes for particle accelerators	PETIT, Valentine

Thursday 21 June 2018

Vacuum in Accelerators: 2 - Room 2 (09:30 - 10:30)

-Conveners: Mauro Taborelli

time	[id] title	presenter
09:30	[303] Turbo molecular pump as main pump in a high-power proton accelerator vacuum system	KAMIYA, Junichiro
09:50	[296] Intensity Tuning of X-Ray Laser Photon Pulses with Rarefied Gases: The SASE3 Beamline Gas Attenuator at the European XFEL Facility.	Mr VILLANUEVA, Raúl
10:10	[149] Erosion and tungsten surface enrichment of Eurofer-97 steel exposed to a deuterium plasma in the GyM linear device	Dr GHEZZI, Francesco

Vacuum in Accelerators: 2 - Room 2 (10:50 - 11:50)

-Conveners: Mauro Taborelli

time	[id] title	presenter
10:50	[358] Shape memory alloy technologies for ultra-high vacuum coupling in particle accelerators	Prof. MALETTA, Carmine
11:30	[166] FBG-based diagnostics for large vacuum machines	TRÜTZSCHLER, Andreas

Friday 22 June 2018

Vacuum in Accelerators: 3 - Room 2 (09:30 - 10:30)

-Conveners: Reza Valizadeh

time	[id] title	presenter
09:30	[217] Low Energy Electrons Yield of copper as received and after sputtering	ZANIN, Danilo Andrea
09:50	[299] The vacuum concept for the SLS-2 storage ring	HAHN, Michael
10:10	[300] The vacuum chamber for the SwissFEL Athos-undulator (UE38)	Mr ZANDONELLA CALLEGHER, Adriano Bruno

Vacuum in Accelerators: 3 - Room 2 (10:50 - 12:30)

-Conveners: Reza Valizadeh

time	[id] title	presenter
10:50	[208] CERN experience: Vacuum design, interventions and operation in radioactive environment	Dr FERREIRA SOMOZA, Jose Antonio
11:10	[200] Photo desorption studies on the FCC-hh Beam Screen at the KIT Electron Storage Ring KARA	Dr GONZALEZ GOMEZ, Luis Antonio
11:30	[209] Update on the Status of the Vacuum Systems of the FAIR Accelerator Complex	Dr KRAEMER, Andreas
11:50	[330] LCLS-II beamline components: from manufacturing to particle free installation	Dr LANZA, Giulia