

Sunday 23rd June	
19:00 – 21:00	Welcome reception and dinner

Monday 24th June			
Time	Title	Name	Abs.No
7:30 – 8:20	Registration		
8:00 – 8:20	Workshop Opening		
8:20 – 10:10	Session 1: Activation and sorption properties	<i>Chair: Yasunori Tanimoto</i>	
8:20 – 9:20	Towards thinner NEG films: impact on the performance and ageing of Ti-Zr-V	Pedro Costa (CERN) -Invited Talk	A1
9:20 – 9:50	NEG coating activation study using Kr plasma	Sehyun Bae (POSTECH)	A2
9:50 – 10:10	Discussion		
<i>10:10 – 10:30</i>	<i>Coffee break</i>		
10:30 – 12:00	Session 2: Activation and sorption properties	<i>Chair: Pedro Costa</i>	
10:30 – 11:00	Activation of Non-Evaporable Getter Coatings	Eleni Marshall (STFC Daresbury Laboratory)	A3
11:00 – 11:30	Vacuum performance of MaxIV NEG coated ring	Simone Maria Scolari (Lund University)	A4
11:30 – 12:00	Discussion		
<i>12:00 – 14:00</i>	<i>Lunch</i>		
14:00 – 16:20	Session 3: Accelerators with NEG coating	<i>Chair: Marek Grabski</i>	
14:00 – 14:30	In situ measurement of irreversible and reversible storage of H ₂ by Y-based alloys getter thin films	Clement Bessouet (Paris-Saclay)	A5
14:30 – 15:00	Study of NEG coating in vacuum system of S3FEL	Zhang Hao (IASF)	M1
15:00 – 15:30	Elettra 2.0: The Vacuum System Design for a New Generation Storage Ring	Luka Novinec (Elettra - Sincrotrone Trieste S.C.p.A.)	M2
15:30 – 15:50	Discussion		
<i>15:50 – 16:10</i>	<i>Coffee break</i>		
16:10 – 18:00	Session 4: Accelerators with NEG coating	<i>Chair: Clement Bessouet</i>	
16:10 – 16:40	Development of non-evaporable getter coatings at the Diamond Light Source for the Diamond-II upgrade programme	Chris Burrows (Diamond Light Source Ltd)	M3
16:40 – 17:10	Fully NEG coated 3 GeV electron storage ring at MAX IV	Marek Grabski (MAX IV Laboratory)	M4
17:10 – 17:40	Thin Films and Coating Required for the Various EIC Vacuum Systems	Charles Hetzel (Brookhaven National Laboratory)	M5

17:40 – 18:00	Discussion		
19:00 – 20:00	<i>Dinner</i>		

Tuesday 25th June			
Time	Title	Name	Abs.No
8:00 – 10:20	Session 5: Material science	<i>Chair: Paul Smith</i>	
8:00 – 9:00	In situ ion beam studies of sorption and diffusion of light elements in yttrium-based getter films	Charlotte Kutyla (CERN) -Invited Talk	S1
9:00 – 9:30	Vacuum properties of Ti-Zr-Cu-Hf-V non-evaporable getter films.	Jie Wang (XJTU, China)	C1
9:30 – 10:00	NEG as an multifunctional coating: pro & cons, present limitations & possible developments/applications for future machines	Reza Valizadeh (STFC Daresbury Laboratory)	S3
10:00 – 10:20	Discussion		
10:20 – 10:40	<i>Coffee break</i>		
10:40 – 12:30	Session 6: Material science	<i>Chair: Charlotte Kutyla</i>	
10:40 – 11:40	Evaluation of the pumping performance of combinations of Ti–Zr–V–Hf alloy nonevaporable getter coatings with different morphologies, activation protocols and at cryogenic temperatures	Paul Smith (Edwards Ltd) -Invited Talk	S2
11:40 – 12:10	NEG impedance in future machines	Kiril Marinov (STFC Daresbury Laboratory)	C2
12:10 – 12:30	Discussion		
12:30 – 14:00	<i>Lunch</i>		
14:00 – 19:00	Tours to historical places in City of York Discovering York by boat (group) Discovering York history on foot.		
20:00 – 21:00	<i>Dinner</i>		

Wednesday 26th June			
Time	Title	Name	Abs.No
8:00 – 10:00	Session 7: PSD	<i>Chair: Charles Hetzel</i>	
8:00 – 9:00	Measurements of PSD and photoelectrons on NEG coated vacuum chambers exposed to synchrotron radiation at beamline of Taiwan Light Source	Gao-Yu Hsiung (National Synchrotron Radiation Research Center)- Invited Talk	P1
9:00 – 9:30	Dense Pd films with ultra-low photon stimulated desorption, low resistivity and high durability	Xiuguang Jin (High Energy Accelerator Research Organization)	P4
9:30 – 10:00	Discussion		
<i>10:00 – 10:20</i>	<i>Coffee break</i>		
10:20 – 12:10	Session 8: PSD	<i>Chair: Gao-Yu Hsiung</i>	
10:20 – 11:20	NEG-coating Research at the KEK Photon Factory	Yasunori Tanimoto (KEK)- Invited Talk	P2
11:20 – 11:50	TiZrV NEG coating behavior studies for future synchrotron light source vacuum system design	Souske Thomas (Soleil)	P5
11:50 – 12:10	Discussion		
<i>12:10 – 13:30</i>	<i>Lunch</i>		
13:30 – 15:50	Session 9: PSD	<i>Chair: Tommaso Porcelli</i>	
13:30 – 14:30	Recent research on NEG coatings for HALF vacuum systems	Sihui Wang (IASF) - Invited Talk	P3
14:30 – 15:00	Modelling a Facility for Photon Stimulated Desorption from Non-Evaporable Getter Coated Vessels	Oleg Malyshev (STFC Daresbury Laboratory)	P6
15:00 – 15:20	Discussion		
15:20 -15:40	Coffee		
15:40 – 16:40	Session 10: Amorphous Carbon	<i>Chair: Reza valizadeh</i>	
15:40 - 16:10	The mechanism of hydrogen incorporation into amorphous carbon films and the consequences for the secondary electron emission	Nenad Bundaleski (Universidadi Nova de Lisboa)	AMC1
16:10 – 16:40	Amorphous carbon coatings: influence of deposition parameters on the secondary electron emission properties	Ana Pires (Universidadi Nova de Lisboa)	AMC2
16:40 – 17:00	Discussion		
<i>19:00 – 21:00</i>	<i>Banquet</i>		

Thursday 27th June			
Time	Title	Name	Abs.No
8:00 – 10:20	Session 11: NEG in narrow and complex shaped vessels	<i>Chair: Pedro Costa</i>	
8:00 – 9:00	NEG coating development for Sirius vacuum chambers with special shapes	Thiago Mendes da Rocha (CNPEN) -Invited Talk	N1
9:00 – 10:00	Characterisation and fine-tuning of NEG coating for high aspect ratio and complex vacuum chambers	Tommaso Porcelli (SAES Getters Spa) Invited Talk	N2
10:00 – 10:20	Discussion		
<i>10:20 – 10:40</i>	<i>Coffee break</i>		
10:40 – 12:30	Session 12: NEG in narrow and complex shaped vessels	<i>Chair: Jie Wang</i>	
10:40 – 11:40	NEG Coating Studies at DESY: Results and Challenges	Ruta Sirvinskaite (DESY) -Invited Talk	N3
11:40 -12: 10	Development of the NEG coating technology for the Elettra 2.0 project	Stefano Saroglia (CERN)	N4
12:10 – 12:30	Discussion		
12:30 – 12:50	Final discussion		
12:50 – 13:00	Workshop closing		
<i>13:00 – 14:00</i>	<i>Lunch</i>		