

	Online Room A		Online Room B		Online Room C		Online Room D	
JST	Mon (Nov. 29)							
8:00-8:20	Registration							
8:20-8:40								
8:40-9:00	Opening Ceremony 8:40-9:20 @ Room A							
9:00-9:20								
9:20-9:40	Plenary 1 29aA-PL H. Peng 9:20-10:20							
9:40-10:00								
10:00-10:20								
10:20-10:40								
10:40-11:00	Break / Breakout Session							
Cutting-edge of data-driven surface science	29aA-1 (I) J. C. Agar	Biomaterial interfaces	29aB-1 (I) M. Rolandi	Physics at surfaces and thin films	29aC-1 K. Asakawa	Nanotechnology and nanomaterials	29aD-1 M. Yano	
			29aB-2 T. Xiao		29aC-2 H. Maruyama		29aD-2 T. Yamada	
			29aA-2 (I) N. Artrith		29aB-3 A. Oshima		29aC-3 Y. Gohda	29aD-3 S. Ichinokura
					29aC-4 P. Viswanath		29aD-4 Y. Zhao	
12:00-12:20	Break / Breakout Session							
12:20-12:40								
12:40-13:00								
Cutting-edge of data-driven surface science	29pA-1 (I) T. Toyao	Biomaterial interfaces	29pB-1 (I) X. Duan	Physics at surfaces and thin films	29pC-1 Y. Kubota	Surface and interface structures	29pD-1 X. Zhang	
	29pA-2 T. Mizoguchi		29pB-2 S. T. Lee		29pC-2 Ø. S. Handegard		29pD-2 R. Kawamura	
					29pA-3 H. Iwasawa		29pB-3 Y. Cui	29pC-3 D. H. Pinilla
	29pA-4 (I) S. Han		29pB-4 (I) T.-E. Lin		29pC-4 Y. Yamashita		29pD-4 H. Aoyama	
					29pC-5 Y. Tsuda		29pD-5 A. F. Z. Abidin	
	29pC-6 D. Fujita		29pD-6 Y. Wang					
15:00-15:20	Break / Breakout Session							
Cutting-edge of data-driven surface science	29pA-5 M. Shiga	Biomaterial interfaces	29pB-5 R. Kojima	Physics at surfaces and thin films	29pC-7 T. Konishi	Advanced surface engineering and characterization	29pD-7 (I) S.-h. Phark	
	29pA-6 A. Yoshinari		29pB-6 K. Fujiwara		29pC-8 Y. Nakayama		29pD-8 M. Kamiya	
	29pA-7 (I) K. Nagata		29pB-7 (I) G. Fragneto		29pC-9 H. Sato			
					29pC-10 S. A. Ab Rahman			29pD-9 T. Sumi
16:40-17:00	Break / Breakout Session							
17:00-17:20	Plenary 2 29pA-PL M. Scheffler 17:00-18:00							
17:20-17:40								
17:40-18:00								
18:00-18:20	Break / Breakout Session							
18:20-18:40								
18:40-19:00								
Vacuum and surface technology of big science	29nA-1 (I) O. Malyshev	Surface and interface structures	29nB-1 (I) J. G. Horstmann	Surface chemistry	29nC-1 (I) J. Libuda	Advanced surface engineering and characterization	29nD-1 (I) J. Peng	
	29nA-2 (I) E. Al-Dmour		29nB-2 T. Ikarashi		29nC-2 H. Imada		29nD-2 T. Harashima	
			29nA-3 (I) V. Baglin		29nB-3 T. Sato		29nC-3 M. I.-Imada	29nD-3 O. Takeuchi
	29nB-4 (I) S. Wippermann				29nC-4 H.-J. Freund		29nD-4 (I) S. Eisebitt	
	29nC-5 M. Dürr							
21:00-21:20	Breakout session							

	Online Room A		Online Room B		Online Room C		Online Room D	
JST	Tue (Nov. 30)							
8:00-8:20	Registration							
8:20-8:40								
8:40-9:00	Plenary 3 30aA-PL Y. Iwasa 8:40-9:40							
9:00-9:20								
9:20-9:40								
9:40-10:00								
10:00-10:20	Breakthroughs in 2D materials	30aA-1 R. Nouchi	Vacuum and surface technology of big science	30aB-1 J. Kamiya	Surface and interface science / Surface science in hydrogenomics	30aC-1 R. Sagehashi	Energy and environmental science	30aD-1 H. Nishiyama
10:20-10:40		30aA-2 (I) J. T. Sadowski		30aB-2 Y. Tanimoto		30aC-2 T. Kawamura		30aD-2 (I) A. A. Gewirth
10:40-11:00	30aA-3 K. Mase	30aC-3 J. Nakamura						
10:40-11:00	Break/Breakout session							
11:00-11:20	Breakthroughs in 2D materials	30aA-3 H. Fukidome	Vacuum and surface technology of big science	30aB-4 Y. Kudo	Surface science in hydrogenomics	30aC-4 (I) I. Hamada	Energy and environmental science	30aD-3 (I) S. L. Anderson
11:20-11:40		30aA-4 T. Hamada		30aB-5 (I) H. Sakai				
11:40-12:00		30aA-5 R. Yusa		30aC-5 H. S. Kato		30aD-4 K. Hayashi		
12:00-12:20	Break / Breakout Session							
12:20-12:40								
12:40-13:00								
13:00-13:20	Breakthroughs in 2D materials	30pA-1 H. Kageshima	Nanotechnology and nanomaterials	30pB-1 A. N. Hattori	Surface science in hydrogenomics	30pC-1 (I) M. Nakamura	Energy and environmental science / Surface and interface structures	30pD-1 P. Krüger
13:20-13:40		30pA-2 Y. Fukaya		30pB-2 K. Nishikawa				30pD-2 S. E. M. Putra
13:40-14:00		30pA-3 (I) K. Wu		30pB-3 S. Suzuki		30pC-2 Y. Kataoka		30pD-3 K. Iwata
14:00-14:20				30pB-4 K. Ikita		30pC-3 E. F. Arguelles		30pD-4 M. Kimura
14:20-14:40		30pA-4 (I) J. Wang		30pB-5 T. Maruyama		30pC-4 (I) T. U. Ito		30pD-5 K. Shimizu
14:40-15:00				30pB-6 K. Hirayama				30pD-6 L. Feng
15:00-15:20	Break / Breakout Session							
15:20-15:40	Breakthroughs in 2D materials	30pA-5 P. Amrit	Nanotechnology and nanomaterials	30pB-7 (I) Y. Paltiel	Surface science in hydrogenomics	30pC-5 A. N. Itakura	Energy and environmental science / Surface and interface structures	30pD-7 (I) C. Walther
15:40-16:00		30pA-6 L. Xie				30pC-6 H. Nakatsu		
16:00-16:20		30pA-7 H. Kusaka		30pB-8 (I) P. Milani		30pC-7 (I) A. M. Wodtke		30pD-8 Y. Pihosh
16:20-16:40		30pA-8 H. Mogi						30pD-9 H. Yamashita
16:40-17:00	Break / Breakout Session							
17:00-17:20	Breakthroughs in 2D materials	30pA-9 T. Uchihashi	Nanotechnology and nanomaterials	30pB-9 (I) U. Höfer	Surface chemistry	30pC-8 K. Sakata	Energy and environmental science / Surface and interface structures	30pD-10 F. Nishino
17:20-17:40		30pA-10 (I) Y. Zhang						30pC-9 (I) B. R. Cuenya
17:40-18:00				30pB-10 K. Kawaguchi				30pD-12 T. A. Jung
18:00-18:20	Break / Breakout Session							
18:20-18:40								
18:40-19:00								
19:00-19:20	Poster/ Breakout Session (online)							
19:20-19:40								
19:40-20:00								
20:00-20:20								
20:20-20:40								
20:40-21:00	Breakout session							
21:00-21:20								

	Online Room A		Online Room B		Online Room C		Online Room D		
JST	Wed (Dec 1)								
8:00-8:20	Registration								
8:20-8:40									
8:40-9:00	Physics at surfaces and thin films	01aA-1 I. Matsuzawa	Surface chemistry	01aB-1 (I) M. Trenary	Nanotechnology and nanomaterials	01aC-1 Y. Ochiai	Operando surface science	01aD-1 (I) J. Guo	
9:00-9:20		01aA-2 M. Horio				01aC-2 P. Verma			
9:20-9:40		01aA-3 T. Wada		01aB-2 P. H. McBreen		01aC-3 (I) L.-C. Chen		01aD-2 S. Karasawa	
9:40-10:00		01aA-4 K. Sakamoto		01aB-3 H. Nakanishi				01aD-3 M. Ohara	
10:00-10:20	Break / Breakout Session								
10:20-10:40	Poster/ Breakout Session (online)								
10:40-11:00									
11:00-11:20									
11:20-11:40									
11:40-12:00	Break / Breakout Session								
12:00-12:20									
12:20-12:40									
12:40-13:00									
13:00-13:20	Physics at surfaces and thin films	01pA-1 R. Noguchi	Surface chemistry	01pB-1 K. Amemiya	Nanotechnology and nanomaterials / Physics at surfaces and thin films	01pC-1 K. Hirao	Operando surface science	01pD-1 (I) N. Ishida	
13:20-13:40		01pA-2 H. Abe		01pB-2 S. Ogawa		01pC-2 T. N. Pham			
13:40-14:00		01pA-3 A. Takayama		01pB-3 K. Takeyasu		01pC-3 S. Kaito			
14:00-14:20		01pA-4 M. C. Escaño		01pB-4 H. Ueta		01pC-4 T. Yamamoto			
14:20-14:40		01pA-5 F. Komori		01pB-5 H. Onishi		01pC-5 (R) T. Kumagai			01pD-4 H. Sato
14:40-15:00		01pA-6 I. Seo		01pB-6 I. Tanabe					01pD-5 T. T. Suzuki
15:00-15:20	Break / Breakout Session								
15:20-15:40	Physics at surfaces and thin films	01pA-7 Y. Sato	Surface chemistry	01pB-7 K. Hirata	Nanotechnology and nanomaterials / Physics at surfaces and thin films	01pC-6 Y. Kainuma	Operando surface science	01pD-6 A. Imanishi	
15:40-16:00		01pA-8 S. Yoshizawa		01pB-8 R. Zhang		01pC-7 T. Takashiro		01pD-7 H. Ishii	
16:00-16:20		01pA-9 (I) J. Kröger		01pB-9 M. Futamata		01pC-8 Y. Yasui		01pD-8 (I) P. Amann	
16:20-16:40				01pB-10 A. Shiotari					
16:40-17:00	Break / Breakout Session								
17:00-17:20	Rohrer Medal Lecture 01pA-R A. Heinrich 17:00-18:00								
17:20-17:40									
17:40-18:00									
18:00-18:20	Closing Ceremony 18:00-18:20 @ Room A								