

2017.09.30

Congress Planning Committee

Chair: Katsuyuki Fukutani

Vice chair: Anouk Galtayries

Ute Bergner

Jay Hendricks

Ex Officio: Lars Montelius

Agenda

4. Reports of conferences

4.1 ECROSS-33 (András Berkó, Hungary)

5. Progress reports

5.1 ICTF-17 (S. Kumar, India)

5.2 EVC-15 (Jay Hendricks/ Martin Wüest)

5.3 VASSCAA-9 (Anton Stampfl, Australia)

6. IUUSTA Conferences

7. Other remarks: Conf. organized by national societies

www.ictf2017.in



ICTF 2017

International Conference
on Thin Films

November 13 - 17, 2017
CSIR - National Physical
Laboratory, New Delhi, India



National Physical Laboratory

Technical program

Key note Speaker: Prof. David Cahen)

Evening Lecture: Prof. K.L. Chopra

Plenary Speakers:

Prof. Ivan Schuller, Prof. Ronan McGrath,
Prof. S.B. Krupanidhi and Prof. Norbert Koch

Invited Speakers: 77

Abstract received:

Received ~350 (+): oral 98, poster 246

17th INTERNATIONAL CONFERENCE ON THIN FILMS (ICTF-17)

(November 13-17, 2017)

Venue: CSIR-National Physical Laboratory, New Delhi, India

ICTF-17 PROGRAMME SCHEDULE (Tentative)

Time	HALL A	HALL B	HALL C	HALL D	HALL E
DAY 1	Monday (November 13, 2017)				
9.15-9.45	Registration (Pre-Conference Workshop)				
10.00-1.00		Workshop 1: Thin Films & Coating Technology: Science & Industry	Workshop 2: Thin Film Solar Cells		
1.00-2.00	LUNCH				
2.00-5.00		Contd. Workshop 1	Contd. Workshop 2		
5.00-6.00	Interaction with workshop speakers & Certificate distribution				
DAY 2	Tuesday (14 November 2017)				
8:15-9:15	Registration (Conference)				
9:30-11:00	Inaugural Function Key Note Speaker: Prof. David Cahen				
11:00-11:30	HIGH TEA				
11:30-12:20	PL1 Prof. Ivan Schuller				
		Theme B: Growth & Modeling	Theme I: Magnetic	Theme C/D/E: Composite & Multilayer	Theme L/M/N/O/P: Applications
12:30-1:00		INV1 Nikola Radic	INV2 Yukio Hasegawa	INV3 Miha Cekada	INV4 Corinne Dejous
12:50-1:00		ORAL PRESENTATIONS	ORAL PRESENTATIONS	ORAL PRESENTATIONS	ORAL PRESENTATIONS
1:00-2:00	LUNCH				
		Theme B: Growth & Modeling	Theme I: Magnetic	Theme C/D/E: Composite & Multilayer	Theme L/M/N/O/P: Applications
2:00-2:30		INV5 Eva Majkova	INV6 Wilfrid Prellier	INV7 Mohamed Jouini	INV8 Anand Sharma
2:30-3:00		INV9 Syed Mohd. Amir	INV10 P. S. Anilkumar	INV11 Sumit Agarwal	INV12 J.V. Yakhmi
3:00-3:30		ORAL PRESENTATIONS	ORAL PRESENTATIONS	ORAL PRESENTATIONS	ORAL PRESENTATIONS
3.30-3.50	Tea/Coffee				
		Theme B: Growth & Modeling	Theme I: Magnetic	Theme C/D/E: Composite & Multilayer	Theme L/M/N/O/P: Applications
3:50-4:20		INV13 Atul Khanna	INV14 Ashim Pramanik	INV15 N.K. Sahoo	INV16 Michael J. Schoening
4:20-4:30		ORAL PRESENTATIONS	ORAL PRESENTATIONS	ORAL PRESENTATIONS	ORAL PRESENTATIONS
4:30-6:00	Poster Session-I				
6.15-7.45	Cultural Program				
8:00	DINNER: Director's Bungalow, NPL Campus				

Proceedings

Elsevier - “Vacuum”

AVS - “Journal of Vacuum Science & Technology B” (JVST B)

Springer conference proceedings as book volume(s) [selected papers of plenary/invited speaker]

Sponsor

Indian Govt. agencies: CSIR, DST, BRNS, ISRO and DRDO

+ private firms

Awards

- Springer Prize: Best paper and poster (10 prizes each) for 10 theme categories (20 eBook coupons worth 150 Euros each)
- IVS Awards (in oral & poster sessions)

Short courses

- (1) Thin Films & Coating Technology: Science and Industry
- (2) Thin film solar cells

*** ~100 participants each**

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5. Progress reports

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6. IUVSTA Conferences

7. Other remarks: Conf. organized by national societies

IUVSTA Conferences

	IVC (CPC)	EVC (VST)	ICTF (TF)	ECOSS (SS)	VASSCAA (SS)	ICN+T (NS)	extra-IUVSTA		
							JVC	ECASIA	SIMS
2016	Korea, Aug. 22-26	Slovenia June 6-10	–	France 28 Aug -2 Sep	J/IVC	J/IVC	w/ EVC	–	–
2017	–	–	India Nov 13-17	Hungary Aug -Sept	–	–		France	Poland
2018	–	Switzerland June 17- 22	–	Denmark August 26- 31	Cronulla Aug. 12- 16?	Cz. Rep July 22-27	Czech R	–	–
2019	Sweden June	–	–	–	–			Germany	Asia
2020	–	EVC-16	ICTF-18	ECOSS-35	China		○	–	–
2021	–	–	–	ECOSS-36	–			○	America
2022	Japan Sep		–		J/IVC	J/IVC		–	–
2023	–		ICTF-19					○	Europe
2024	–		–					–	–
2025	IVC-23		–					○	Asia
2026	–		ICTF-20					–	–
2027	–		–					○	America
2028	IVC-24		–						

- Topic-focused
- Region-related

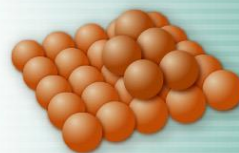
2017 National Society Meeting

April		May		June	
1		1		1	
2	Italy	2	Netherland	2	
3		3	Croatia	4	Poland
4	USA	4			Switzerland
5	China	5		5	France
July		August		September	
1		1		3	Israel
2		3	Korea		Poland
3	USA		Japan	4	Mexico
4		4	Brazil		Poland
5					
October		November		December	
	Czech Republic	1		1	
2		2	Belgium	2	
3			Korea	3	
4	Germany	4	Iran	4	
5	USA(AVS)	5	Poland	5	
January		February		March	
1		1		1	
2	Philippines	2		2	
3		3	Korea	3	
4		4		4	

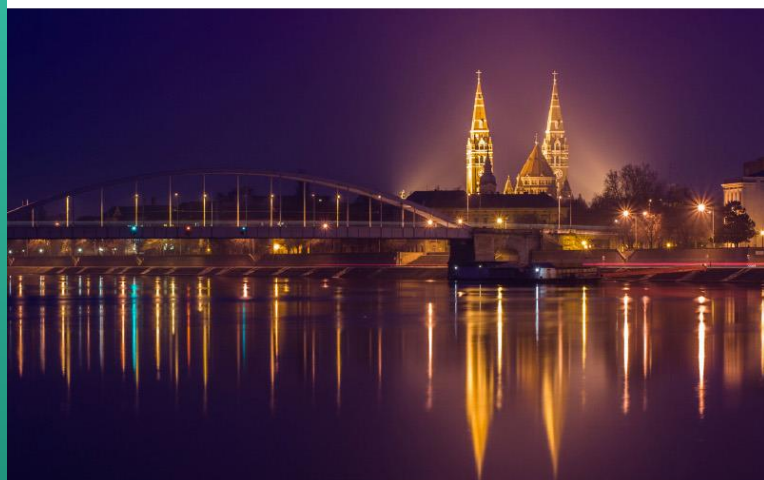
For update, please e-mail me.



ecoss 33
27 AUG. – 1 SEPT. 2017
SZEGED, HUNGARY



33rd EUROPEAN CONFERENCE ON SURFACE SCIENCE



FINAL PROGRAM

www.ecoss2017.org



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SPECS™



ECOSS-33

29 countries
 357 participants
 15 exhibitors
 314 presentations
 7 plenary
 28 invited
 5 keynote
 177 oral
 97 poster

presentations /country

Austria	12
Belgium	6
Canada	2
China	4
Czech R	12
Denmark	10
Finland	2
France	21
Germany	44
Hungary	43
India	3
Israel	5
Italy	13
Japan	42
Korea	7
Mexico	2
Morocco	2
Norway	2
Poland	14
Portugal	1
Russia	3
Serbia	2
Spain	14
Sweden	13
Switzerland	7
The Netherlands	3
Turkey	5
UK	12
USA	8



WELCOME RECEPTION



ECOSS-33



PARTICIPATION SUPPORT

EPS INVITED SPEAKER GRANT : 1

IUVSTA-ELSEVIER STUDENT AWARD : 5

EPS STUDENT GRANT : 3

Main topics of the presentations

Oxide surfaces and ultrathin oxide films

Catalytic 2D-model studies under low and high pressures

Epitaxial growth and modification of 2D materials

Organic molecules on solid surfaces

Ultrathin two-dimensional molecular self-assembly

Graphene and carbon-based 2D films

Photo-Induced Surface Chemistry

Computational surface chemistry and physics

OPENING CEREMONY



PLENARY SESSIONS

Rolf Jürgen Behm

Ulm University, GERMANY

"Nanostructured metal surfaces – from surface science to electrochemistry / electrocatalysis"

Charles T. Campbell

University of Washington, USA

"Adsorption calorimetry techniques on well-defined surfaces and their application in understanding catalysis, photovoltaics and atomic-layer deposition"

Young Kuk

Seoul National University, KOREA

"Electronic and Phononic Structure Measurements on Superconducting Surfaces using Scanning Tunneling Microscopy"

Elisa Molinari

CNR Institute of Nanoscience S3 Modena, ITALY

"Illuminating nanosystems at surfaces"

Rasmita Raval

University of Liverpool, UNITED KINGDOM

"Supramolecular and covalent assembly of molecules at surfaces: chirality, complexity and diversity"

Gabor A. Somorjai

University of California at Berkeley, USA

"Surface science approach to the molecular level integration of the principles in heterogeneous, homogeneous, and enzyme catalysis"

Martin Wolf

Fritz Haber Institute in Berlin, GERMANY

"Ultrafast dynamics of excited states and light induced processes at surfaces"

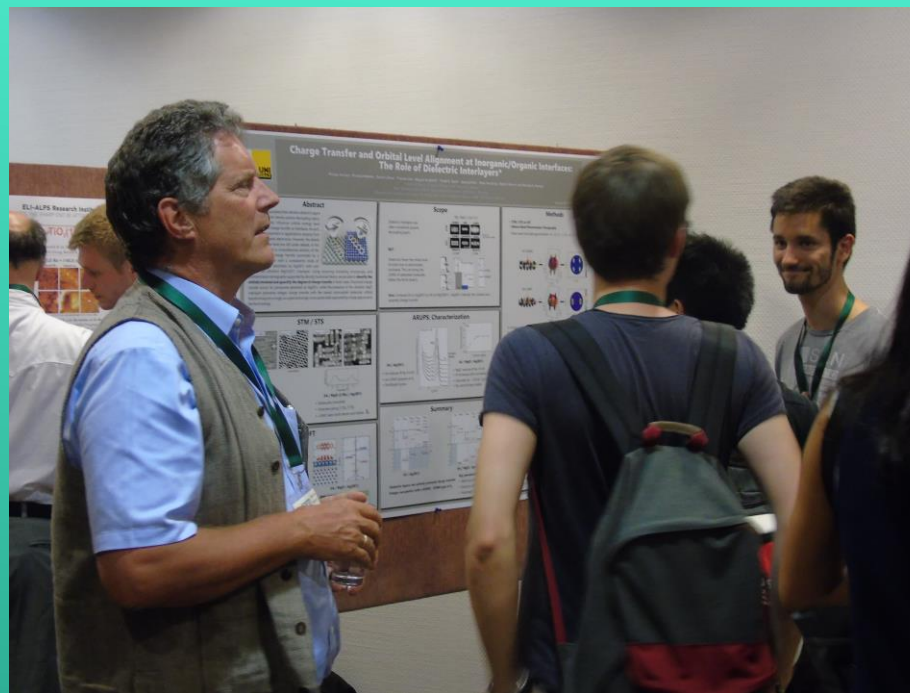
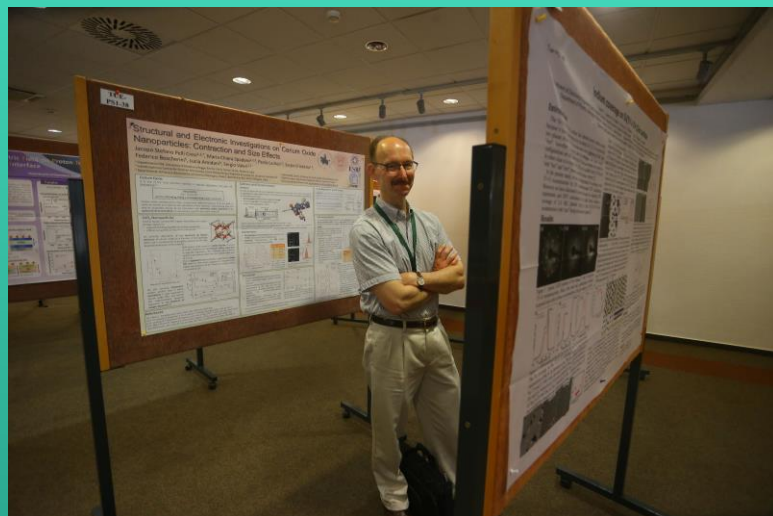


5 PARALLEL SESSIONS / 28 - INVITED TALK & 5 - KEYNOTE TALK & 177 - ORAL TALK



ECOSS-33

2 POSTER SESSIONS / 97 POSTERS



EXCURSION TO THE MEMORIAL PARK OF HUNGARY - ÓPUSZTASZER



ECOSS-33



VISIT TO ELI-ALPS EXTREME LIGHT INFRASTRUCTURE

Competition for Prizes during the Conference

ECOSS Prize – the best oral presentation sponsored by SPECS

EPS Poster Prize - the best poster presentation sponsored by EPS

HVS Young Presenter Prize – the best presentation from Hungary sponsored
by the Hungarian Vacuum Society

ECOSS-33

CONFERENCE DINNER



ECOSS-33

EPS POSTER PRIZE

Smadar ATTIA

Fritz Haber Institute, Berlin, Germany

„Enantioselective reactions on chirally-modified model surfaces: A new molecular beam/surface spectroscopy apparatus”

ECOSS PRIZE

Sara BLOMBERG

Lund University, Lund, Sweden

„In situ structural studies and gas phase visualization of model catalysts at work”

HVS YOUNG PRESENTER PRIZE

Laura JUHÁSZ

Department of Solid State Physics, University of Debrecen

"Fabrication and investigation of porous gold nanoparticles passivated with TiO_2 layer"

Richárd GUBÓ

ELI-ALPS, ELI-HU Nonprofit Ltd., Szeged, Hungary

"Au–Pd nanoparticles and Au/Rh double layers on $\text{TiO}_2(110)$ "

ELI-ALPS



ECOSS-33 Organisers hope you had a great time in Hungary

See you in Denmark next year



European Conference On Surface Science

ecoss34 26th-31st August 2018, Aarhus, Denmark

www.ecoss2018.org

Abstract submission deadline: 1st March 2018

IUVSTA EPS