



## Education committee meeting, Saturday 11<sup>th</sup> August 2018, Sydney, Australia

### Agenda:

- **Opening**
- **Attendance**
- **Adoption of Agenda, confirmation of minutes**
- **Visual Aids** <http://iuvsta-us.org/iuvsta2/index.php?id=2072>
- **Technical Training Courses**
- **Short Courses**
- **Review paper**
- **Any Other Business**
- **Closing Remarks**
- **Adjourn**

**Miran Mozetič, Chairman**



## **Short course**

- **XPS Workshop was in Montpellier, 24-25 September 2017, in conjunction with ECASIA conference (24-29 September 2017)**

**Report by  
Sylvie Bourgeois**

**“The Union supports the presentation of Short Courses in various countries in association with major international conferences”**

# IUVSTA XPS Short

## Course

2 days short course:  
Sunday 24th and Monday 25th September 2017

at the beginning of the ECASIA Congress

Instructor: John Grant



Montpellier (France)



Income	Provisional			Final		Remarks
	Unit cost (EUR)	Quantity	Sub-Total (EUR)	Qty.	Sub-Total (EUR)	
Registration Fee (per standard person)	500	10	5 000	6	3 000 €	
Registration Fee (per student)	300	10	3 000	9	2 700 €	
IUVSTA funding	2 000	1	2 000		2 000 €	
<b>Total (EUR)</b>			<b>10 000</b>		<b>7 700 €</b>	
Expenditures	Unit cost (EUR)	Quantity	Sub-Total (EUR)	Qty.	Sub-Total (EUR)	Remarks
Meals (per day)	100	20	2 000	15	1 050 €	Lunch breaks, coffee breaks, welcome receptions
Meeting Room (per day)	900	2	1 800		2 052 €	Including video
Temporary Labors (per day)	500	2	1 000		600 €	Inscriptions, welcome, ...
Miscellaneous	800	1	800		500 €	Including short course material, participant bag, ...
IUVSTA Student room partial funding	80	10	800	2	160 €	
IUVSTA short course discount	200	0	0	9	1 800 €	
Instructor partial funding (US/Europe airticket, hotel room, ...)	2 800	1	2 800		3 428 €	
Total (EUR, VAT excl.)			9 200		9 590 €	
VAT (9%)			828		- €	
<b>Total (EUR)</b>			<b>10 028</b>		<b>9 590 €</b>	

Balance (EUR)

- 1 890 €

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<b>Balance (EUR)</b>					<b>- 1 890 €</b>	

**IUVSTA financial support used for reducing the**

## Technical Training Course (NEW PROPOSAL)

- **Title:** Vacuum, Plasma, Surfaces, and Thin Films
- **Venue:** Joinville, SC, Brazil
- **Dates:** October 7<sup>th</sup> -11<sup>th</sup> 2018 (32 hours)
- **Major conference:** XXXIX Brazilian Congress of Vacuum Applications in Industry and Science (CBrAVIC)
- **Requested IUVSTA grant:** 2000 €

Presented by  
Anouk  
Galtayries

## **Short course (NEW PROPOSAL)**

- **Title:** Recent advances in plasma techniques for tailoring surfaces and thin films
- **Venue:** Kranjska gora, Slovenia
- **Dates:** 25<sup>nd</sup> May 2019
- **Major conference:** CESPC 2019 – 8<sup>th</sup> Central-European Symposium on Plasma Chemistry, Kranjska gora, Slovenia, 26<sup>th</sup> – 30<sup>th</sup> May 2019, over 100 participants
- **Requested IUVSTA grant:** 2000 €

**“The Union supports the presentation of Short Courses in various countries in association with major international conferences”**



## Audience:

- **Participants of the 8<sup>th</sup> Central-European Symposium on Plasma Chemistry;**
- **Students from University of Ljubljana;**
- **Students from Jožef Stefan International Postgraduate School**
- **Others (no fee for the IUVSTA Short Courses will be charged)**

**The 2000€ IUVSTA grant will be spent for deduction on accommodation + meals for speakers and some students**

**Plasma Science and  
Technique Division  
Deborah O'Connel**

**Thin Film Division  
Francesco Fracassi**





## Review paper based on presentations in San Jose, Oct. 2015

Thin Solid Films 660 (2018) 120–160

Contents lists available at ScienceDirect

**Thin Solid Films**

journal homepage: [www.elsevier.com/locate/tsf](http://www.elsevier.com/locate/tsf)

Critical review

Recent developments in surface science and engineering, thin films, nanoscience, biomaterials, plasma science, and vacuum technology

M. Mozetič<sup>a,b</sup>, A. Vesel<sup>a,b</sup>, G. Primc<sup>a,b</sup>, C. Eisenmenger-Sittner<sup>a,c</sup>, J. Bauer<sup>a,c</sup>, A. Eder<sup>a,c</sup>, G.H.S. Schmid<sup>a,c</sup>, D.N. Ruzic<sup>a,d</sup>, Z. Ahmed<sup>a,e</sup>, D. Barker<sup>a,e</sup>, K.O. Douglass<sup>a,e</sup>, S. Eckel<sup>a,e</sup>, J.A. Fedchak<sup>a,e</sup>, J. Hendricks<sup>a,e</sup>, N. Klimov<sup>a,e</sup>, J. Ricker<sup>a,e</sup>, J. Scherschligt<sup>a,e</sup>, J. Stone<sup>a,e</sup>, G. Strouse<sup>a,e</sup>, I. Capan<sup>a,f</sup>, M. Buljan<sup>a,f</sup>, S. Milošević<sup>a,g</sup>, C. Teichert<sup>a,h</sup>, S.R. Cohen<sup>a,i</sup>, A.G. Silva<sup>a,j</sup>, M. Lehocky<sup>a,k</sup>, P. Humpoliček<sup>a,k</sup>, C. Rodriguez<sup>a,l</sup>, J. Hernandez-Montelongo<sup>a,l,m</sup>, D. Mercier<sup>a,n</sup>, M. Manso-Silván<sup>a,l</sup>, G. Ceccone<sup>a,o</sup>, A. Galtayries<sup>a,n</sup>, K. Stana-Kleinschek<sup>a,p</sup>, I. Petrov<sup>a,q</sup>, J.E. Greene<sup>a,q,r</sup>, J. Avila<sup>a,r</sup>, C.Y. Chen<sup>a,r</sup>, B. Caja-Munoz<sup>a,r</sup>, H. Yi<sup>a,r</sup>, A. Boury<sup>a,r</sup>, S. Lorcy<sup>a,r</sup>, M.C. Asensio<sup>a,r</sup>, J. Bredin<sup>s</sup>, T. Gans<sup>a,s</sup>, D. O'Connell<sup>a,s</sup>, J. Bredin<sup>a,s</sup>, F. Reniers<sup>a,t</sup>, A. Vincze<sup>a,u</sup>, M. Anderle<sup>a,v</sup>, L. Montelius<sup>a,w</sup>

**40 pages**

<sup>a</sup> International Union for Vacuum Science, Technique and Applications, Avenue de la Renaissance 30, B-1000 Brussels, Belgium



## **Review paper based on presentations in Sydney, August 2018**

**Minutes from ECM127:** “The next review paper will be submitted for publication in “Journal of Vacuum Science & Technology”, where the IUVSTA recording secretary, Deborah O’Connell, serves as an Associated Editor. ”

- 1. IUVSTA Highlights Seminar,  
Monday, 13<sup>th</sup> August**
- 2. Each presenter is encouraged to  
prepare 3-4 journal pages in good  
time (September 2018)**
- 3. Somebody else from a Division can  
prepare the contribution**

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### List of presenters:

1. Jay Hendricks,
2. Miguel Manso,
3. Lars Montelius,
4. Leszek Markowski,
5. Rob Elliman,
6. Deborah O'Connell,
7. Ivan Petrov,
8. Fumio Komori,
9. Francisco Yubero

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**Miran Mozetič, Chairman**