



## Contents of IUVSTA News Bulletin Issue 182

The new 2019-2022 IUVSTA triennium started on July 3, 2019 during the General Meeting which took place at the International Vacuum Congress 21 in Malmö, Sweden. Reports on Executive Council Meeting 130, the General Meeting, Executive Council Meeting 131, IVC21, and other events are forthcoming in the next issue. Please, submit your articles for the next IUVSTA News Bulletin by August 31, 2019.

This issue features the statements of the Current IUVSTA President, Anouk Galtayries on page 2 and the Outgoing President Lars Montelius on page 4.

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IUVSTA Communications Committee Chairman



Union Internationale Pour La Science, La Technique et Les Applications du Vide  
International Union for Vacuum Science, Technique and Applications  
Internationale Union für Vakuum Forschung, Technik und Anwendung

## STATEMENT

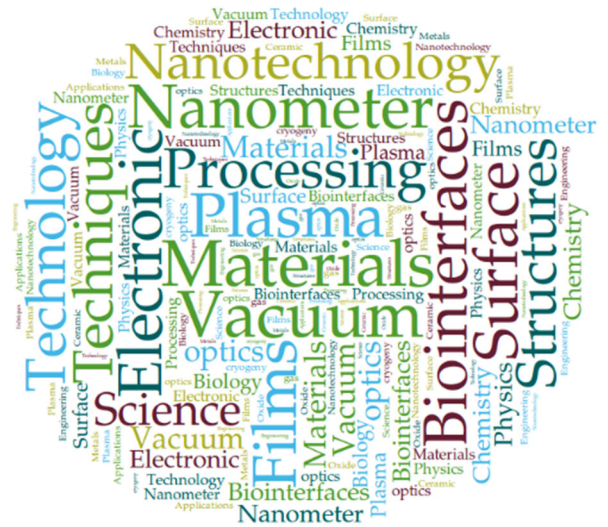
Anouk Galtayries

President of IUVSTA 2019-2022



Shifting from President-Elect to President of IUVSTA, I want to take the time to thank all people trusting in my challenge and supporting my candidacy in 2016. Now I take a front position at IUVSTA, an activity which is closely linked to my professional life; I am very thankful and lucky: you have made it a simple story. My

motivation relied on my career in research and higher education, as well as from a 6-year term as the President of the French Vacuum Society (SFV). All this experience was an asset for my immediate efficiency at the work of President-Elect. I also want to thank the new Past President, Lars Montelius, for the freedom and possibilities he has given to me for 3 years as President-Elect. I have always used them for the benefit of IUVSTA and for an efficient kick-off of the new triennium.



3 years ago, I raised the **question of the visibility of the Union** and I offered to make my own. My choice was very pragmatic: to use all our strengths. We have **the strength of a network** of about 35 national member societies, **the strength of all IUVSTA committees** works, **the strength of the composition of our member societies:** technicians, engineers, academic researchers and professors, directors of companies, all in direct relationship either with fundamental knowledge or innovation and economy, and **the strength of the friendship of voluntary people** meeting to work at the Union's objectives. To merge of all these strengths in a concrete act, I needed a great motto and I found it in the roots of IUVSTA: the 60<sup>th</sup> Anniversary of our Union. This was the perfect bridge between IUVSTA and its member societies, its divisions and committees, its people, mixed in generations and genders, its world culture.



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Now starts the term of President, in strong collaboration with an excellent new team of officers, a recording secretary and division & committee chairs reflecting the real world of IUVSTA in the 21<sup>st</sup> century.

“ *Vacuum technologies and Society (-ies):* ”  
*how to meet in the 21<sup>st</sup> century?*

IUVSTA is closely linked to Research and Innovation at its highest level, and thus cannot avoid questioning its role in today's world and society. Education, Education by Research are necessary to work both in Academic Research Centers and in Companies dealing with cutting edge technologies. Reading about what is called in Europe "lost generation"<sup>i</sup> of young researchers looking for positions after a high number of years of education, training and working at very high level, I want IUVSTA to take some responsibilities in improving at least the background, knowledge and curriculum of the young students of our disciplines: **the Education Committee** will have a centered role to actively disseminate knowledge and know-hows. Given the new possibilities of spreading information through internet and digital programs, it will organize several Webinars per year, using existing university facilities at Politecnico Torino in Italy and with the help of AIV. This will be a major project for me, as attractive as possible also for the persons giving the seminars. **Co-branding Awards** for young researchers or co-branding Grants to undergraduate students, in some cases, are excellent opportunities to increase curricula and post our interest for societal topics. This has been done this triennium, I would like to build another new Award of this kind. **Another central activity** is the one organized by the Scientific and Technique Director. Starting from our 9 scientific divisions, I would like to cross our expertise and high-level skills with two multidisciplinary topics: Energy and Sustainable development, including quality of life. This is also our responsibility to take part in these discussions. These large and flexible topics can be used for special calls for our workshops, schools, but also in the frame of building a nice scientific program for IUVSTA Highlights at about mid-term of the triennium, in connection with a regular IUVSTA scientific congress.

And why not, while working in a dedicated task committee to obtaining an International Year of Vacuum, in 2025 (year of IVC23), organizing a specific event for the centenary of the discovery of Auger Electron Spectroscopy<sup>ii</sup> in 2022 (year of IVC22 in Sapporo, Japan).

Last but not least, IUVSTA has to defend diversity in scientific carriers of all types and I would like us to monitor, with company and academic partners, **gender fair practices in our Conferences.**

"The real success comes from a common sharing".

Paris, June 2019.

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<sup>i</sup> What's next for the 'Lost Generation' of academics? Marie Curie Alumni Association in the Marie Curie Alumni Association blog

<sup>ii</sup> Initially reported in the journal Zeitschrift für Physik in 1922.



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## STATEMENT Lars Montelius Outgoing President



When I took up the position as President of IUVSTA three years ago, we had already started our journey to further develop IUVSTA to become a very good professional organization. An overarching goal was to initiate the development of the identity of IUVSTA as an inspiring, competent, engaging, well known and influential international organization that proudly serve society. A further goal was to continue to enlarge IUVSTA by attracting new members and helping new members to form national organizations. In addition, the aim was to continue the discussions about developing the role of IUVSTA as an organization with a clear orientation towards sustainability. And lastly, but not least, the goal was to start the process to bring IUVSTA into the international dialogue by active engagement in important science policy actions and discussions.

Now after my three years as President, I am very happy to be able to conclude that we in many aspects have been able to deliver results well aligned to the above goals. In particular, I have noticed the strong commitments from many of the officers and others for rolling out this strategic dimension. Furthermore,

we have managed, mainly thanks to the President Elects excellent work, to bring in an additional Award specifically devoted to young researchers and dedicated to sustainability.

Besides activities aligned to the goals above, we have also during this triennium successfully celebrated the 60 Years anniversary of IUVSTA. Furthermore, our homepage has been re-designed and is now much more appealing. Further, as was outspoken already three years ago, we have witnessed how digitalization has become a buzz-word in society and we have embraced several changes internally at IUVSTA, although I must admit, that in this context, we have so far just taken a few initial steps.

An interesting aspect to note is that we during this period have been able to further articulate our role in problems that the younger generation is interested in, i.e. to convey the importance of Vacuum Science in relation to social innovation and societal development, i.e. enabling students and post-docs to become more interested in the subject of Vacuum Science. Here our new initiatives for awards and prizes for younger scientists has been and will be instrumental. I believe from the bottom of my heart that IUVSTA has a very important role to play in the research, technology and innovation areas enabling a sustainable societal development.

I would also like to thank all officers for a fantastic good teamwork that has been instrumental. Especially, a big THANK YOU to the officers who are now stepping down – Mariano Anderle (Past President), François Reniers (Treasurer), David Ruzic (Scientific Director), and Andrej Vincze (Scientific Secretary) - giving over their roles to the new officers - François Reniers (President Elect), Arnaud Delcorte (Treasurer), Jay Hendricks (Scientific Director), and Katsuyuki Fukutani (Scientific Secretary).

And, I would also like to say THANK YOU to all members that are engaged with IUVSTA, it is through your dedicated work we will be able to continuously develop the organization.

I am very happy to now be able to hand over to the new President for the next triennium, Prof Anouk Galtayries, an organization that has been vitalized and show several signs of being able to prosper and I sincerely wish you all the best and a big GOOD LUCK for further work together with all members of IUVSTA, specifically with the team of officers, to develop IUVSTA to become an influential entity that students and professionals in the vacuum community worldwide will be proud of being a part of.