

President Inaugural Statement: Anouk Galtayries

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

Shifting now 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 in the different responsibilities and exchanges that I have had at university, with companies and 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.



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 fuse of all these strengths in a concrete act, I needed a great motto and I found it in the roots of IUVSTA: the 60th 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.

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

IUVSTA is closely linked to Research and Innovation at its highest level, and thus cannot avoid to question 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"ⁱ 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: Photonics and Sustainable development, including Energetic Mix and 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 at about mid-term of the triennium, an IUVSTA summit which should be associated to 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 Spectroscopyⁱⁱ 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.

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

ⁱⁱ Initially reported in the journal Zeitschrift für Physik in 1922.