

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



*IUVSTA World Wide Web Address: <http://www.iuvsta.org>*

# Long range planning committee (ECM136)

François Reniers – President-Elect





## A vision and a project

- Transform IUVSTA into a modern Research and Education association,  
focussing on SOLVING the problems of humanity, using our dedicated science and technologies.

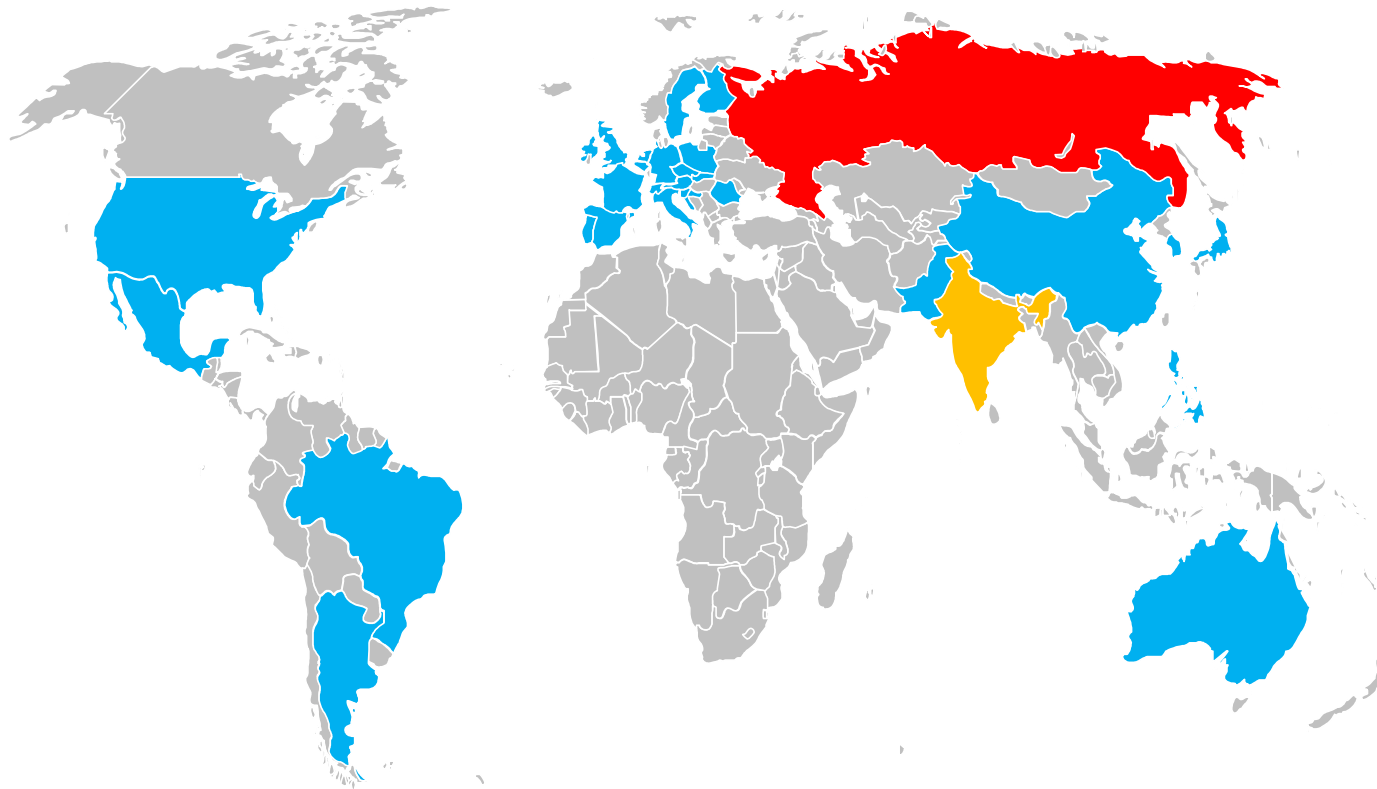


# A society for the benefit of all its members

- **An interactive website were :**
  - Companies advertise their products and have access to the mailing lists of societies (with respect of rules)
  - Members can share/sell/give (used) equipments
  - Members can find the appropriate expertise in one area
  - New emerging countries may have access to facilities
  - Members can post job offers.
- **New rapid, global communication tools :** IUVSTA must be on LinkedIn, IUVSTA must tweet



## IUVSTA world today



**Take care of and stimulate** all the active members  
Have the sleeping members back  
Turning some of the grey countries in blue



## A Union interacting with the society

- IUVSTA has a scientific expertise to bring to SOLVE problems
- IUVSTA has the scientific expertise to provide experts to national science agencies (that fund projects)
- IUVSTA has the scientific expertise to apply for funded collaborative research projects
- IUVSTA has the scientific expertise to be a real active member of ISC/UNESCO
- IUVSTA is a unique tool for the transfer of knowledge, for education
- But IUVSTA should also be aware of the evolution of the society, and adapt its rules (Darwin)



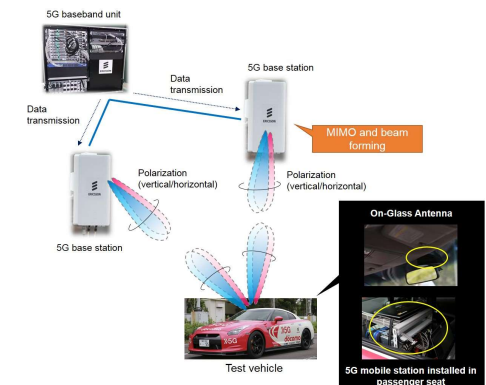
# A Union that can help providing solutions to today and tomorrow challenges



- **Better energy efficiency.**
- New connected materials
- Increase of life expectancy : new biomaterials, new cancer treatments
- **Climate change ; feeding billions of people**
- 5G Antennas in windows
- **Educate people to these changes**

**IUVSTA (we) should address these topics for the future.**

***Vacuum : a scientific and technological topic AND a tool***





# Conferences/ECMs : back to fundamentals

- Why is a conference useful ? Attending talks ? Meeting people ?  
Discovering new equipment ?
- Why is the global attendance of technical conferences decreasing ?  
How can IUUSTA fight against that?
- ECM help running the Union, but they are time consuming : **stick them to conferences** ? Organize internal scientific challenges
- Managing the Union means stimulating initiatives instead of waiting for ideas
- **We must turn our educational and scientific activities to the future, with the global objective that we should benefit to mankind**



And COVID came....







# New (or not new) challenges

- Help existing national societies to go over the crisis (taking care of the existing members)\*
- Increasing the number of new members\* (integration of new societies)
- Being more proactive for the workshops and schools, especially regarding the shift to new technologies linked to sustainable development\* (with STD committee and divisions)
- Website must be a gateway that offers additional value to member societies (with the communication committee), communication in general must be improved\*
- Renew members of divisions, with a better global equilibrium
- Use highlights seminars for scientific and educational boost
- IVC Sapporo, and Sidney must be successful.
- Rethink the global organization (hybrid/virtual/in person) meetings, with the help of new tools
- « reboot » IUVSTA after >2 years of crisis
- Being more involved in international organizations
- **We are not managers, we are scientists, and IUVSTA must be helpful for all scientific societies members of IUVSTA and their « real » members : the people (webinars, prizes, exchange of people, equipment, new ideas,....)**