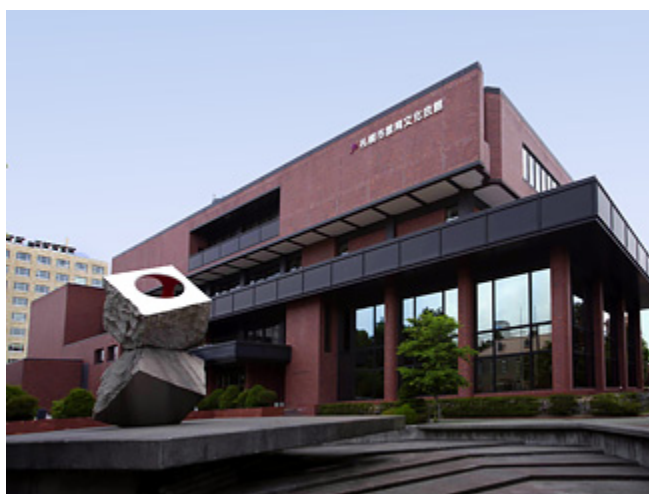


# International workshop on nanoparticles and nanostructures synthesized by plasmas for energy applications

**14 July 2019**

**Sapporo Education and Culture Hall,  
Sapporo, Hokkaido in Japan**



<http://www.kyobun.org/foreign/english.html>

Joint Workshop of Conference of XXXIV International Conference on Phenomena in Ionized Gases (XXXIV ICPIG) and 10th International Conference on Reactive Plasmas (ICRP-10)

Registration:	included in XXXIV ICPIG/ICRP-10
Language:	English
Contact Details:	Vladimir Svrcek National Institute of Advanced Industrial Science and Technology (AIST), Japan e-mail: <a href="mailto:vladimir.svrcek@aist.go.jp">vladimir.svrcek@aist.go.jp</a> , tel: +81-29-861-5429
Presentation:	Invitation-only

*Coffee Reception* (13:30-14:00)

13:50 - 14:00 Welcome Address **Vladimir Svrcek**, AIST, Japan

Session Chair: **Prof. Uros Cvelbar**,

14:00 - 14:30 **Davide Mariotti**, Ulster University, UK  
“Tailoring materials properties by atmospheric pressure plasma for energy applications”

14:30 - 15:00 **Alexandre Nomine**, Institut Jean Lamour, Nancy, France and Faculty of Physics and Engineering - ITMO University, St Petersburg, Russia  
“Alloying nanoparticles by plasma discharges and laser treatment”

15:00 - 15:30 **Vincenzo Amendola**, Università di Padova, padova, Italy  
“Ex-situ investigation of nanoalloy formation by laser ablation in liquid”

15:30 - 16:00 **Jan Benedikt**, University of Christian-Albrechts-Universität zu Kiel, Kiel, Germany „Atmospheric plasmas for generation of nanostructured materials or nanoparticles”

*Coffee Break* (15 min)

Session Chair: **Prof. D. Mariotti**

16:15 - 16:45 **Yevgeny Raitses**, Princeton University, Princeton, USA  
“Towards Understanding of Synthesis of Carbon and Boron Nitride Nanotubes in Arc Discharges”

16:45 - 17:15 **Uros Cvelbar**, Jožef Stefan Institute, Ljubljana, Slovenia  
“Plasma-assisted design of nanomaterials for improved catalysis”

17:15 - 17:45 **Christophe Vallée**, Université Grenoble Alpes, Grenoble, France and Tsukuba University, Japan  
“Cold plasma for Atomic Layer Processing: from ALD and ALE to Area Selective Deposition ”

17:45 - 18:15 **Dan Sun**, Queen's University Belfast, UK  
“Microplasma synthesized nanocomposites : potential applications in energy and beyond.”

18:15 - 18:20 Concluding Remarks **V. Svrcek**, AIST-Japan

**18:30 Reception** (*details will be provided*)

Access map: <http://www.kyobun.org/etc/access.html>

