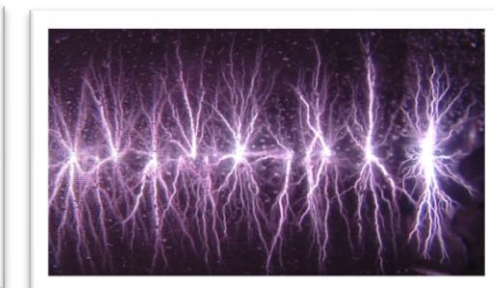
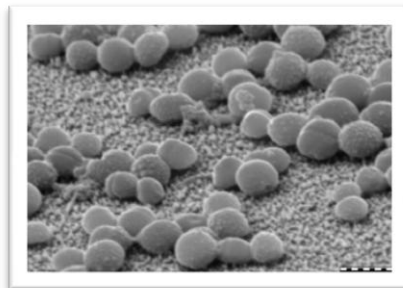


Financial possibilities for international cooperation in Europe

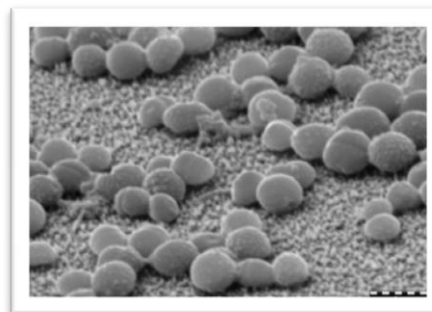
Alexander Schwock



- Nanotechnologies, advanced Materials and Production (NMP)
- Factories of the Future
- Sustainable Food Security
- Water Innovation: Boosting its Value for Europe



- NMP-02-2015: Integration of novel nano materials into existing production lines
- NMP-03-2015: Manufacturing and control of nanoporous materials
- NMP-06-2015: Novel nanomatrices and nanocapsules
- NMP-07-2015: Additive manufacturing for tabletop nanofactories
- NMP-15-2015: Materials innovations for optimisation of cooling in power plants
- NMP-16-2015: Extended in-service service of advanced functional materials in energy technologies (capture, conversion, storage and/or transmission of energy)
- NMP-19-2015: Materials for severe operating conditions, including added-value functionalities
- NMP-22-2015: Fibre-based materials for non-clothing applications
- NMP-23-2015: Novel materials by design for substituting critical materials
- NMP-24-2015: Low-energy solutions for drinking water production



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Factories of the Future

- FoF-08-2015: ICT-enabled modelling, simulation, analytics and forecasting technologies
- FoF-10-2015: Manufacturing of custom made parts for personalised products
- FoF-11-2015: Flexible production systems based on integrated tools for rapid reconfiguration of machinery and robots
- FoF-12-2015: Industrial technologies for advanced joining and assembly processes for multi-materials
- FoF-13-2015: Re-use and remanufacturing technologies and equipment for sustainable product lifecycle management
- FoF-14-2015: Integrated design and management of production machinery and processes

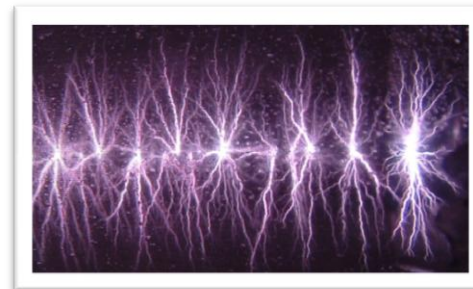


Sustainable Food Security

- SFS-01c-2015: Assessing sustainability of terrestrial livestock production
- SFS-02b-2015: Assessing soil-improving cropping systems
- SFS-05-2015: Strategies for crop productivity, stability and quality
- SFS-10b-2015: Scientific basis and tools for preventing and mitigating farmed mollusc diseases
- SFS-11b-2015: Consolidating the environmental sustainability of European aquaculture
- SFS-13-2015: Biological contamination of crops and the food chain

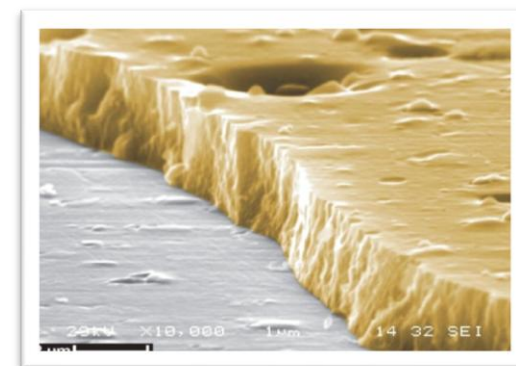


- WATER-1b-2015: Demonstration/pilot activities
- WATER-2b-2015: Integrated approaches to food security, low-carbon energy, sustainable water management and climate change mitigation:



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- Eurostars is a programme that supports research-performing small and medium enterprises, which develop innovative products, processes and services, to gain competitive advantage. Era-Nets:
 - transnational,
 - started and led by an SME,
 - involve at least two partners from two different Eurostars participating country,
 - involve at least one other partner from another Eurostars participating country, and
 - last no longer than three years
- Deadlines every 6 month (next 5th March 2015)
- National regulations, national funds



Some relevant Era-Net Activities:

- M-ERA.Net for materials science and engineering
- ERA.NET RUS Plus: cooperation in innovation, research and development with Russia
- IRA-NET:
- SUSFOOD: SUSTainable FOOD production and consumption
- MANUNET: new processes, adaptive manufacturing systems and the factory of the future
- MARTEC II maritime technologies
- IraSME: cooperation with Russia
- BONUS 2010-2017: joint Baltic Sea research



Please contact us for more information, new project ideas or needed support for project development

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