



МИНИСТЕРСТВО НАУКИ
И ВЫСШЕГО ОБРАЗОВАНИЯ
РОССИЙСКОЙ ФЕДЕРАЦИИ

MEGAGRANT - AN EXCELLENT OPPORTUNITY FOR A MIDDLE-CARRIER-STAGE RESEARCHER



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The CNRS in Russia 2016



Megagrant- a new instrument of scientific collaboration since 2010

CNRS INTERNATIONAL RESEARCH COOPERATION TOOLS

UMI

International Joint Units are proper joint laboratories set up in collaboration with a foreign or an industrial partner. They have the same status as CNRS joint research units (UMR) in France

UMIFRE

The CNRS is also a partner of the French Ministry of Foreign Affairs in 26 joint units called International Joint Units of French research institutes abroad

LIA

International Associated laboratories that lay the bases of cooperation around a joint scientific project between one and three French teams and one and three teams abroad

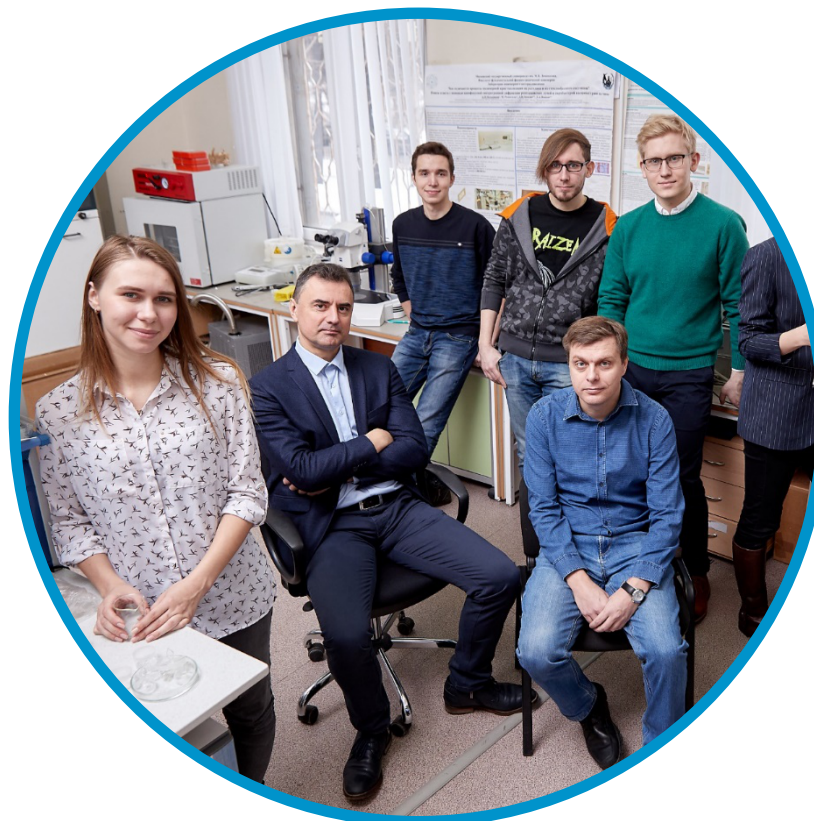
GDRI

International Research Networks bring together several laboratories from two or more countries to coordinate research on a specific topic

PICS & PRC

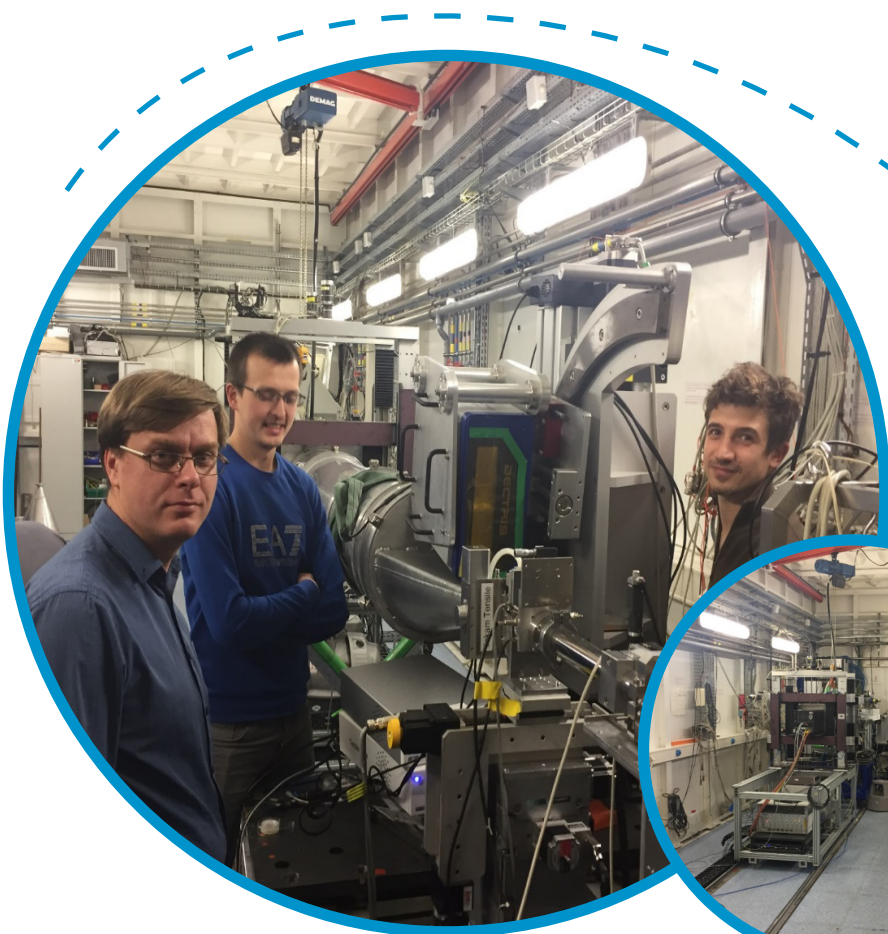
International Programs for Scientific Cooperation (PICS) & Joint Research Projects (PRC) finance mobility between teams that have already collaborated on joint publications or student training programs

MEGAGRANT FROM THE PERSPECTIVE OF MY PERSONAL EXPERIENCE:

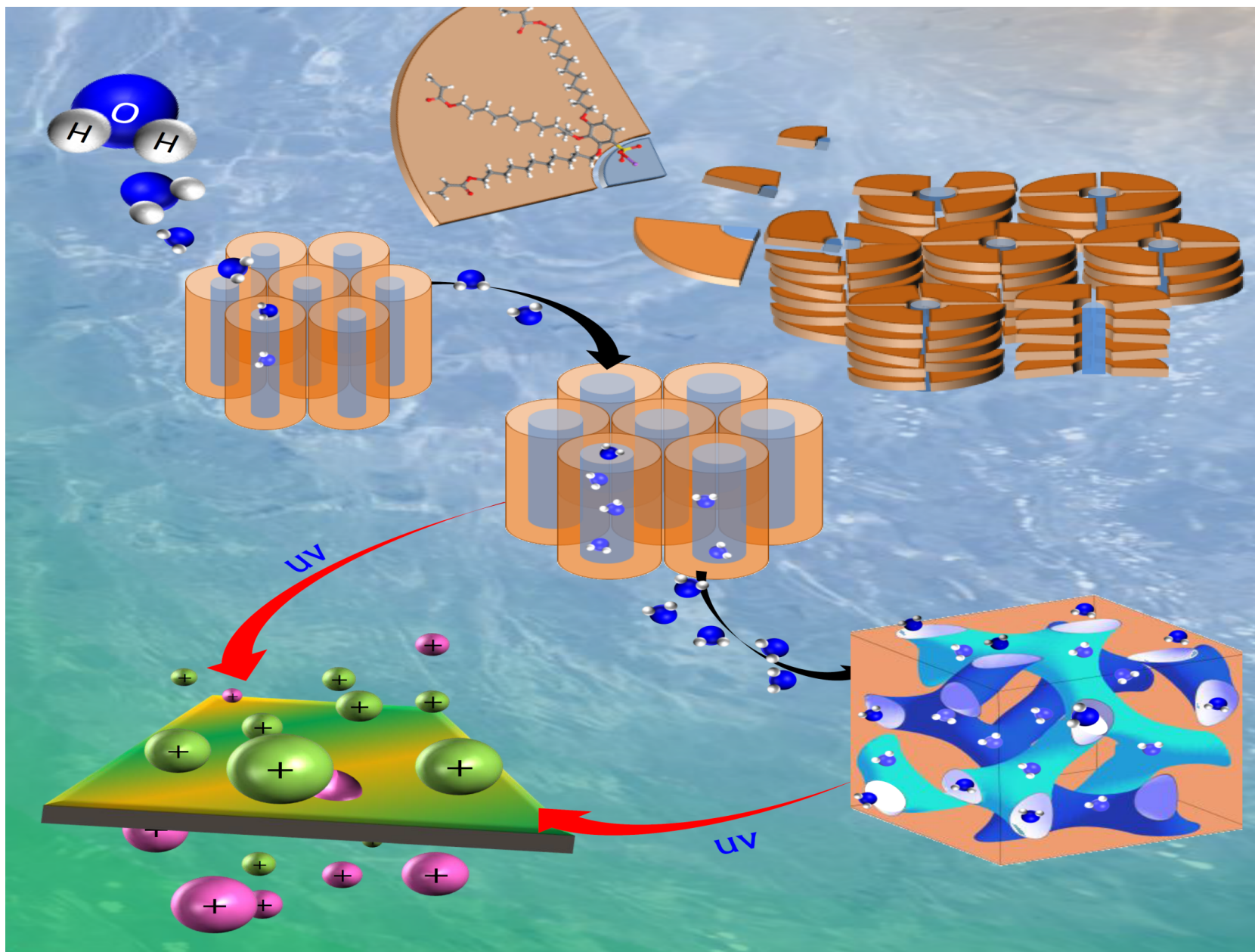


Installation of a new experimental polymer physics laboratory at the Moscow State University in the fall of 2011.

Diffractometer Xenocs in the configuration
for small-angle X-ray scattering



The Russian and French teams
work together at the European
Synchrotron Radiation Facility



Scientific production:



94

papers
in peer-reviewed
journals since 2012

High impact-factor journals:

Advanced Materials – **2** articles
Advanced Energy Materials – **1** articles
Chemical Communications – **2** articles
Journal of Materials Chemistry A – **2** articles
Macromolecules – **10** articles
ACS Macroletters – **3** articles
Journal of Materials Science C – **1** article



Collaborating Institutions:

- ✓ Moscow State University (Physics Faculty, Chemistry Faculty, Faculty of Fundamental Physical Chemical Engineering)
- ✓ Institute of Physics and Technology (MIPT)
- ✓ Novosibirsk Technical University
- ✓ Skolkovo Tech. (Moscou)
- ✓ Kurchatov institute national research center (Moscou)
- ✓ Institute of Problems of Chemical Physics of RAS (Chernogolovka)
- ✓ Enikolopov Institute of Synthetic Polymeric Materials of RAS



The project on functional materials aims to create an international master's and postgraduate study



Total funding:
14.5 MEURO



Partners of the new scientific organization:

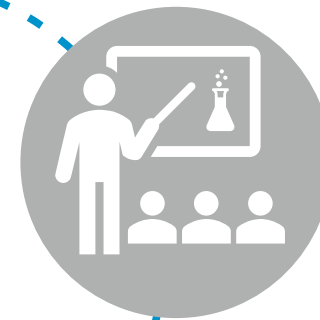
9 transnational chemical companies, including BASF, Bayer, Total and URGO, and 14 European universities and research and innovation organizations, such as the Carnot Institute or the European Materials Science Society (EMRS)



MSU- participant of the project



One of our main goals- education and training of young motivated scientists



Thank you for your attention!