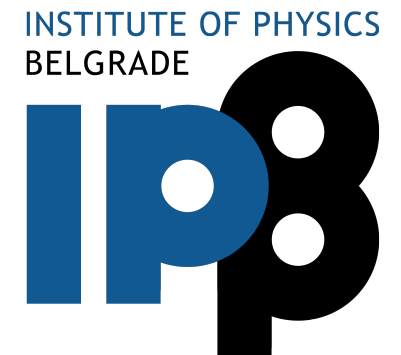




Bilateral collaboration with Germany: 2009 - 2015

Antun Balaz



Bilateral projects of our group

- 2009 – 2010: PI-BEC
 - Fast Converging Path Integral Approach to Bose-Einstein Condensation
 - Institute of Physics Belgrade and University of Duisburg-Essen
- 2011 – 2012: NAD-BEC
 - Numerical and Analytical Investigation of Ultracold Bose Gases in Disordered Potentials
 - Institute of Physics Belgrade and University of Duisburg-Essen
- 2013 – 2014: NAI-DBEC
 - Numerical and Analytical Investigation of Dipolar Bose-Einstein Condensates
 - Institute of Physics Belgrade and Technical University of Kaiserslautern
- 2015 – 2016: IBEC
 - Impurities in Bose-Einstein Condensates
 - Institute of Physics Belgrade and Technical University of Kaiserslautern

Collaboration: Visits

- 2009 – 2010: PI-BEC
 - 2009: 5 to Germany, 2 to Serbia
 - 2010: 5 to Germany, 2 to Serbia
- 2011 – 2012: NAD-BEC
 - 2011: 5 to Germany, 5 to Serbia
 - 2012: 3 to Germany, 3 to Serbia
- 2013 – 2014: NAI-DBEC
 - 2013: 4 to Germany, 4 to Serbia
 - 2014: 8 to Germany, 4 to Serbia
- 2015 – 2016: IBEC
 - 2015: realized until June - 7 to Germany;
planned until end of the year - 3 to Germany, 4 to Serbia

Collaboration: Institutions

- Institute of Physics Belgrade
- University of Duisburg-Essen
- Free University of Berlin
- University of Potsdam
- University of Bielefeld
- Institute for Advanced Study (Hanse-Wissenschaftskolleg), Delmenhorst
- University of Bremen
- University of Oldenburg
- Technical University of Kaiserslautern

Collaboration: People

- Dr. Ivana Vasić
- Oliver Gabel
- Vladimir Luković
- Dr. Hamid Al-Jibbouri
- Christian Fraessdorf
- Carolin Wille
- Tama Khellil
- Dr. Denis Hinrichs
- Tomasz Checinski
- Branko Nikolić
- Vladimir Veljić
- Tao Wang
- Dr. Milan Radonjić
- Javed Akram
- Martin Bonkhoff
- Martin Kuebler
- Bernhard Irsigler
- Dr. Axel Pelster
- Dr. Antun Balaž

Proposal preparation and funding (1)

- Double-application procedure: DAAD and Serbian Ministry of Education, Science, and Technological Development
- Joint development of the scientific part of the proposal in English, usually during mutual visits, Skype discussions, or over e-mail
- Each side then adapts the scientific part of the proposal to fit the required application form
 - Both project coordinators have to be committed to the project and ready to work technically on the proposal and to be involved in the application process
- Serbian side also needs to translate everything to Serbian, after the proposal is written in English – this has to be taken into account when planning application timeline
- Funding: Serbian side up to 3000 euros, German side up to 7000 euros per year; Project duration: 2 years
- Each side covers costs related to the visit and borne on its soil: ticket costs for project participants from its side, and per diem amounts for project participant from the other side

Proposal preparation and funding (2)

- Funding cannot be used for conferences, for material costs, etc.
- The assessment of proposals is independently done by DAAD and Serbian Ministry of Education, Science, and Technological Development
- Afterwards, bilateral committee makes the final joint ranking and a decision on funding
- The most important criteria are:
 - Quality of scientific proposal
 - Quality of the team, in particular project coordinators from both sides
 - Participation of young researchers
- Extreme flexibility of visits in the project framework once it is approved (from Serbian side the provisional schedule is not even required)

Best practices

- Projects should be reasonably sized:
 - one project coordinator and several PhD or master students;
 - one additional senior researcher might be an advantage, but the emphasis should be on collaboration through exchange of young researchers
- Complementarity aspects of collaboration should be emphasized
- For repeat offenders:
 - If applying in a new project cycle, the proposed research topics should be new and reasonably different from the old ones
 - The results of previously funded projects should be clearly mentioned, so as to stress that the collaboration was successful

