

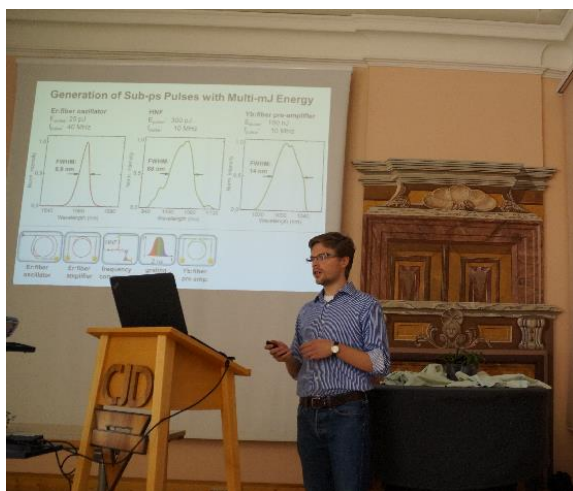


DoKDoK 2016 Report

DoKDoK 2016 took place at Schloss Oppurg on September 25th to 29th. With about 100 participants and guest from 29 institutes and companies the capacities of DoKDoK were fully exploited. This shows that also the 5th edition of DoKDoK could continue its high attractiveness for doctoral students and experienced undergraduates. The marvellous conference site at Schloss Oppurg was regarded as one of the major highlights, allowing a multitude of discussions and exchange of scientific results.



Another highlight of the DoKDoK 2016 was the CUDOS workshop, where professors and senior researches from the Australian excellence cluster CUDOS (“Centre for Ultrahigh bandwidth Devices for Optical Systems”) and the Abbe Center of Photonics outlined the current trends and further perspectives in the field of nano photonics. As in the year before the scientific program was framed by a series of themed guest lectures with a focus on “From the Laboratory to the Market”, wherein invited speakers shared their success stories of founding a company based on their research experiences.



Building upon the expertise of the previous organization teams, this edition of DoKDoK could maintain the high level of industrial participation not only through their financial support, but also through company presentations during the conference. This “industry sessions” gave a platform to the industry representatives for interacting directly with their niche consumers, i.e. the young researchers. The DoKDoK was only possible by our various sponsors and supporters which we want to explicitly thank.

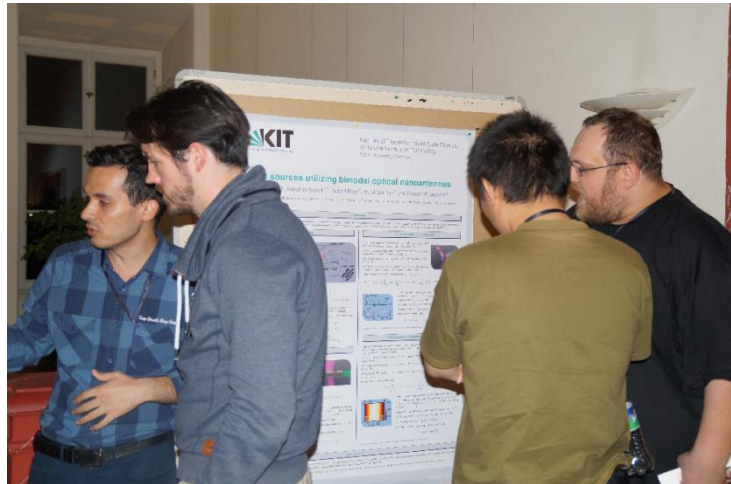
A new introduced concept of the this year DoKDoK was the open plenum discussion DoK’s4DoK’s, where three invited senior researches outlined their experiences and opinions about the need of publishing in high impact journals like Nature or Science. After a short personal introduction of each speaker, a lively discussion of all participants highlighted the interest and the importance of this topic for young researches. Further



attention got this topic during the Pre-Dinner lecture, wherein Dr. Matthias Heinrich gave some useful hints about publishing in high impact journals.

Beside the scientific exchange another major goal of DoKDoK is the building and intensifying of networks between the participating doctoral students.

In order to enable the right framework conditions for such networking, a variety of social activities were part of the conference program, too. One of these activities and beyond doubt one of the DoKDoK highlights was the Social Day, where we had visited the Gasmachinenzentrale at Unterwellenborn and the Fairy Grottos at Saalfeld.



Last but not least the core of the DoKDoK program was constituted by the outstanding scientific contribution. This year, 34 oral presentations were given from highly motivated young researches, presenting their cutting-edge research from a wide variety of topics ranging from microscopy and spectroscopy to metamaterials and nano-optics. Additionally 18 poster presentations during the conference ensured further scientific discussion and networking. Three presenters were awarded the poster prize by the Jena student-chapter of OSA – the Optical Society of America.

On behalf of the DoKDoK 2016 organization team,

Robert Brüning



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