



DoKDoK 2017 Report

The 6th edition of DoKDoK took place at the Michel Hotel in Suhl, Germany from September 18th to September 22th. With roughly 60 participants from 20 institutes and companies the conference was again of a high attractiveness for doctoral students, as well as interested master students from the field of optics and photonics. The Michel Hotel was an ideal location right in the city center, allowing a great atmosphere for open discussion, exchange of scientific results



and networking with other researchers and industrial partners. We are very thankful for the support from the **Ernst Abbe Foundation**, which allowed to a large portion the success of this conference. Building on the experiences from the last DoKDoK's we could maintain the high level of industrial participation and support, which showed itself not only through financial support, but also through company presentations during the conference. These “**industry sessions**” gave a platform to the industry representatives to interact directly with their niche consumers, i.e. the young researchers. The DoKDoK was only possible through the contribution by our various sponsors and supporters which we want to explicitly thank.

Keynote talks from University Professors, such as Prof. Dr. Matt Zepf and Prof. Dr. Herbert Groß, but also from industry representatives with scientific background like Dr. Frank Wunderlich and company founders such as Sven Kiontke, introduced the days of the conference. The subtheme of this year's conference could be summed up in the phrase: “**From Science to Society**” highlighted by the talk from Dr. Tanja Baudson, who started the German branch of the world wide “March for science” movement.



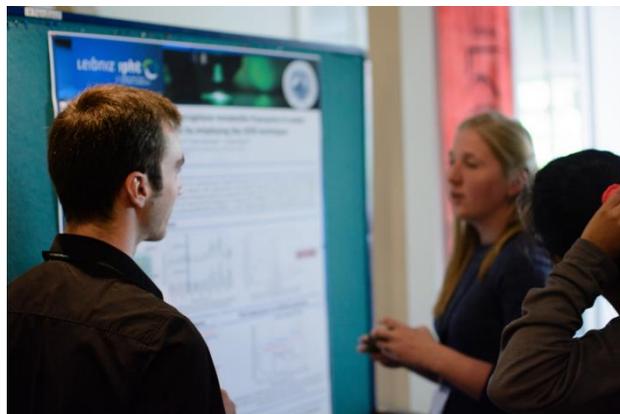
DoKDoK 2017

6th doctoral conference on optics



Further attention got this topic during the Pre-Dinner lecture, wherein Prof. Dr. Stefanie Gräfe gave some useful insights about **interdisciplinary research** with a personal perspective.

Beside the scientific exchange another major goal of DoKDoK is to build up and intensify 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 visited the “Meeresaquarium Zella-Mehlis” and the former mine “Schwarze Crux” (see the image on the next page).



Last but not least the core of the DoKDoK program was constituted by the outstanding scientific contributions of the DoKDoK participants from over a dozen countries. This year, **28 oral presentations** were given from highly motivated young researches, presenting their cutting-edge research from a wide variety of topics ranging from free form mirror projection and 3D measurement to high harmonic generation and metasurfaces. Additionally **21 poster presentations** during the conference ensured further scientific discussion. Three presenters were awarded the poster prize by the Jena student-chapter of OSA – the Optical Society of America.



On behalf of the DoKDoK 2017 organization team,

Andreas Walter Stark

DoKDoK 2017

6th doctoral conference on optics



Supporters:

