

Mohamed ABDELRASOUL

PERSONAL DATA

PLACE AND DATE OF BIRTH: Fayoum, Egypt | 17 June 1989
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EDUCATION

APR. 2013- OCT. 2015 **Master of Science(M.Sc.) in Optics and Photonics**
Karlsruher Institut für Technologie (KIT), Germany

OCT. 2012- SEPT. 2014 **Master de Physique, Spécialité Optique, Photonique, Image et Signal**
Aix-Marseille Université, France

OCT. 2011- JUL. 2012 **Pre-Master studies, Laser Applications in Metrology**
Cairo University, Egypt

SEPT. 2006- MAY. 2010 **Bachelor of Science(B.Sc.) in Physics and Mathematics**
Fayoum University, Egypt

WORK EXPERIENCE

SEPT. 2011- PRESENT **Teaching Assistant**, National Institute of Laser Enhanced Sciences (NILES)
Cairo University, Egypt

NOV. 2014- OCT. 2015 **Master thesis**, Institute for Meteorology and Climate Research (IMK)
Karlsruher Institut für Technologie (KIT), Germany
TITLE: Forward Scattering by Levitated Frozen Droplets.
SUPERVISOR: Prof. Thomas LEISNER

JUL. 2014- OCT. 2014 **Internship**, Institute for Meteorology and Climate Research (IMK)
Karlsruher Institut für Technologie (KIT), Germany
TOPIC: Setting up the measurements of Mie scattering by spherical water droplet levitated in an electrodynamic trap

OCT. 2012- MAR. 2013 **Research Project**, Laboratoire d'Astrophysique de Marseille.
Université d'AixMarseille , France
PROJECT:Classical Adaptive Optics (AO) Systems: Simulation and experimentation

APR. 2011- AUG. 2011 **Lab Technician**, Tabbin Institute of Metallurgical Studies (TIMS)
Helwan, Egypt

CONFERENCES AND SEMINARS

23-27 MARCH 2015 **Poster**: Forward scattering by levitated ice crystals. Mohamed Abdelrasoul Alexei Kiselev, and Thomas Leisner. German physical society (DPG),Heidelberg 2015 conference, Germany

16-19 APRIL 2012 **AIP Industrial Physics Forum 2012**, "Capacity Building for Industrial Physics in Developing and Emerging Economies" ICTP,Trieste, Italy

AWARDS AND HONORS

- OCT. 2012 **Award of Erasmus Mundus Scholarship**, Erasmus Mundus Master Course in Photonics Engineering, Nanophotonics and Biophotonics (EuroPhotonics)
- DEC. 2010 **1st Rank**, Achieving the highest grade among all graduate students with Physics and Mathematics specialization, Faculty of Science, Fayoum University
- 2010 **Student of The Year Award**, Faculty of Science, Fayoum University
- 2009 **Young Innovator's Award (YIA)**, Industrial Modernization Center (IMC), Egypt

LANGUAGES

ARABIC: Mother Tongue
ENGLISH: Fluent
GERMAN: Basic Knowledge

COMPUTER SKILLS

Basic Knowledge: MATLAB, LABVIEW, ZEMAX, ~~LaTeX~~
Intermediate Knowledge: Excel, Word, PowerPoint

REFERENCES

Prof. Dr. Thomas Leisner
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Institute for Meteorology and Climate Research
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