

Dawid Surdeko

Personal data

Born: 13.10.1993
Country: Poland
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Education

2013-2016 ADAM MICKIEWICZ UNIVERSITY, FACULTY OF PHYSICS, POZNAŃ, POLAND
Bachelor of Science in Sound Engineering

2017-2019 ADAM MICKIEWICZ UNIVERSITY, FACULTY OF PHYSICS, POZNAŃ, POLAND
Master of Science in Acoustics

2017-2019 ADAM MICKIEWICZ UNIVERSITY, FACULTY OF PHYSICS, POZNAŃ, POLAND
Bachelor of Science in Physics (studied for 2 years)

2019- UNIVERSITY OF TWENTE, FACULTY OF SCIENCE AND TECHNOLOGY, ENSCHEDE, NETHERLANDS
PhD as ESR 11 in UCOM project

Experience

2013-2016 RADIO METEOR (STUDENT RADIO STATION AT AMU)
Sound engineer, producer, IT, member of the radio college, head of the sound engineering department, co-host of the programme „Muzyka Warta Poznania”

2013- LIVE SOUND ENGINEERING AND STUDIO RECORDINGS
Concerts, sport transmissions, album recordings etc.

2015/2016 PRACTICE AT RADIO OLSZTYN, TVP OLSZTYN, GIGANT (LIVE SOUND ENGINEERING)

2018-2019 MEMBER OF THE RESEARCH GROUP OF DR HAB. ZBIGNIEW ROZYNEK
Research on droplets, with and without solid particles, suspended in liquids, in acoustic and electric fields (master thesis, financed from a grant)

2019 PROJECT AT AMU - MEASURING DENSITY OF AN OBJECT USING ACOUSTIC MEASUREMENTS
Planning experiments, creating the experimental setup, measurements

2019 INTERNSHIP – AMU, DEPARTMENT OF MOLECULAR ACOUSTICS
Research on magnetic hyperthermia and Pickering emulsions

Supplementary qualifications and abilities

PROGRAMMING

Python, Matlab, C/C++, Mathematica, LabView, Pascal – varied experience, mostly focusing on Python

GENERAL PROFICIENCY IN ADVANCED USAGE OF COMPUTERS

Including tools for image editing (Inkscape, GIMP), text processing (LaTeX using LyX, Markdown), audio editing (Reaper, Samplitude, ProTools), Linux

NATURE MASTERCLASSES COURSE CERTIFICATE

Scientific Writing and Publishing (subscriber course)

Conferences

JÜLICH SOFT MATTER DAYS 2018

Poster “Manipulation of microparticles in oil droplets by ultrasonic and electric fields”

Languages

Polish (native)

English (proficient, CAE in 2011)

German (basic)

Spanish (basic)