



CERTIFICATE OF ATTENDANCE

Florin ONEA

attended

Introduction to Wave Energy

Course duration: 30 hours

Course location: Varna, Bulgaria

Course dates: 18 – 22 March 2019

Course modules

- Introduction and fundamentals of wave energy converters
- Physics of ocean waves
- Hydrodynamics of WECs
- Frequency domain modelling of WECs
- WEC power-take off systems and control
- Modelling and representation of the wave climate
- Mooring design for wave energy converters
- Wave-to-wire modelling
- Calculating Annual Energy Production
- Economics and techno-economic optimisation of WECs
- Understanding wave energy converter design
- Physical modelling of wave energy converters
- Design and modelling of wave farms
- Advanced modelling of wave energy converters
- Designing a wave energy converter



Matt Folley, Course Organiser