



SPLIT SUMMER SCHOOL STSS2018

COURSE: Energy Efficiency and Environmental Impact of Modern Marine Power Plants

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Web page: <http://split-summerschool.com>



Main topics:

- modern marine power plants technical characteristics
- overview of legislation influencing the development of marine power plants
- calculation of EEDI
- development of SEEMP
- final seminars presentations

Programme structure:

- 5-day course
- sample data will be provided for practice and for final presentation
- every student gets lecture notes bound into a booklet, as well as a CD containing a digital version of the booklet, the current version of Y-code

Important dates:

Course dates: 27/08/2018 – 31/08/2018
Deadline for application: 15/07/2018
Payment due by: 01/08/2018
Confirmation of the course: 10/08/2018

Price of the course: 300 € (tax included)

Bed & breakfast: 189 € (tax included) – contact person: Marina Kero marina.kero@scst.hr

Programme plan:

Day 1

- Introduction (IA) (1h)
- Development of marine power plants (AŠ) (1h)
- Technical characteristics of modern power plants (IA) (2h)
- Future development of alternative fuels and innovative energy efficient technologies (AŠ) (2h)

Day 2

- Introduction to EEDI (VB) (2h)
- Introduction to SEEMP (IA) (2h)
- Human factor in energy efficiency (AR) (2h)

Day 3

- EEDI calculation procedure (AŠ) (1h)
- Case study (IA) (5h)

Day 4

- SEEMP development procedure (NV) (1h)
- Case study (IA) (5h)

Day 5

- Final seminars presentations (IA, AŠ, NV) (5h)
- Conclusion (IA) (1h)

Programme lecturers:

Ivica Ančić, PhD

University of Zagreb, Faculty of Mechanical Engineering and Naval Architecture
Croatian Scientific bibliography

Nenad Vulić, PhD

University of Split, Faculty of Maritime Studies
Croatian Scientific bibliography

Ante Šestan, PhD

University of Split, Faculty of Maritime Studies
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Ivica Ančić, PhD

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Andrea Russo, PhD

University of Split, Faculty of Maritime Studies
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