

## Eirik Eide Pettersen

*Cofundador y CTO de Seaborg Technologies. "30 under 30 Europe" de la lista Forbes*



Born 05.07.90 in Norway. Nationality: Norwegian

### Work experience

#### 2018 - today:

Co-founder & CTO, Seaborg Technologies

Planning, organising and leading the technical development in Seaborg.

#### 2017 - 2018:

Co-founder & CSO, Seaborg Technologies

Planning and execution of R&D in Seaborg.

#### 2016:

Visiting research intern, Paul Scherrer Institut

#### 2014:

Visiting researcher, Chalmers University of Technology

### Education

#### 2014 - 2016:

European Master in Innovation in Nuclear Energy (EMINE)

Universitat Politècnica de Catalunya (UPC) and Université Paris-Saclay (UPS)

#### 2015:

EMINE Energy Management Summer School,

Grenoble Ecole de Management

#### 2011 - 2014:

BSc in Physics

University of Copenhagen

#### 2009 - 2011:

MSc in Engineering, cybernetics (unfinished),

Norwegian University of Science and Technology

### Notable achievements

#### Forbes 30 Under 30 Europe:

2019 - Manufacturing and Industry

<https://www.forbes.com/profile/eirik-eide-pettersen/#6648f1d09eb1>



**IAEA Young Innovator:**

2017 - Winner of Young Generation Innovation Challenge at IAEA 2017 Fast Reactor Conference

<https://bit.ly/2u34Alw>

**Càtedra Argos Award:**

2016 - UPC School of Industrial Engineering of Barcelona

**Research grants and scholarships:**

GENTLE (2016), InnoEnergy (2014, 2015, 2016), Nordic Nuclear Safety Research Forum (2014)

**Presenter and speaker:**

Repeatedly invited speaker on innovation and nuclear energy. E.g.:

2019 - Norwegian Broadcasting Corporation, live national radio interview

2019 - InnoEnergy Connect, panel discussion in Stockholm, Sweden

2018 - 1st International Conference on Generation IV and SMRs - presentation in Ottawa, Canada

2018 - Nuclear energy: taboo, disaster or savior - Copenhagen University

2017 - Niels Bohr Institute Alumni Association

2017 - InnoEnergy Alumni Unite - <http://www.youtube.com/watch?v=ZqSbVrpVstg>

2017 - IAEA Fast Reactor Conference - presentation and panel debate in Yekaterinburg, Russia

**Patents:**

Inventor of multiple published and submitted patents.

**Publications**

Pettersen E E. *Technical Development of the Seaborg FOAK Compact Molten Salt Reactor*. Published in proceedings of the 1st International Conference on Generation IV and Small Modular Reactors in Ottawa, Canada, November 6-8, 2018.

Pettersen E E and Konstantin M. *Simulating circulating-fuel fast reactors with the coupled TRACE-PARCS code*. Published in proceedings of the IAEA International Conference on Fast Reactors and Related Fuel Cycles in Yekaterinburg, Russia, June 26-29, 2017.

Pettersen E E, Demazière C, Jareteg K, Schönfeldt T, Nonbøl E, and Lauritzen B. *Developments of a Monte Carlo-based method for calculating the effect of stationary fluctuations*. Published in proceedings of the Joint International Conference on Mathematics and Computation (M&C), Supercomputing in Nuclear Applications (SNA) and the Monte Carlo (MC) Method