



SNU
SELSKABET FOR NATURLÆRENS UDBREDELSE
STIFTET 1824 AF H.C. ØRSTED
SELSKABETS PROTEKTOR: HENDES MAJESTÆT DRONNINGEN

PRESS RELEASE

Selskabet for Naturlærens Udbredelse, SNU, (*The Society for the Dissemination of Natural Sciences*) will on 25. October 2021 award the H. C. Ørsted Medal in silver for excellent dissemination of science through research and teaching, collaboration with industry through projects and guest lectures, as well as diligent authorship to **Associate Professor and Acting Head of Section at DTU Elektro, Ph.D. in Electrical Engineering Samel Arslanagic**. The medal is accompanied by a grant of DKK 20,000. Both the medal and the grant are sponsored by the TICRA Foundation.

The event takes place in the H. C. Ørsted Building, Auditorium 1, Universitetsparken 5, 2100 København Ø and begins at 19.30 with a lecture by Samel Arslanagic with the title "How to Control Electromagnetic Waves by Simple Water-Based Devices?". The award ceremony takes place at 20.45.

About the medal recipient, member of the assessment committee Ole Mørk Lauridsen says:

"Samel Arslanagic is first and foremost a passionate and committed teacher. Secondly, he is an excellent researcher, which ensures that his teaching is always based on the latest findings in electromagnetism.

In addition to being a teacher and researcher, Samel is also actively engaged in industrial collaboration. He is the acting head of the Section for Electromagnetic Systems, which houses DTU's upcoming Electromagnetic Test Centre (ETC) that opens in 2022 and will provide, among other things, the mobile phone and radar industry significantly better opportunities for characterisation and optimisation of antenna and microwave conditions in their products.

Samel embraces students, international collaboration as well as projects with Danish industry; all supported by a long list of publications, whereby he in the finest way communicates Ørsted's science for the benefit of society as a whole.

Samel stands today as a beacon within the dissemination of electromagnetic science; He is therefore a worthy recipient of the 2021 H. C. Ørsted silver medal, in H. C. Ørsted's spirit of dissemination and utilisation of science in society".

Dorte Olesen from SNU says: "We are delighted to initiate this collaboration with TICRA Fond and have the opportunity to focus on the important synergy between the research and the industrial communities. It was with precisely such synergy in mind that H. C. Ørsted in 1824 founded the Society for the Dissemination of Natural Science. He wanted the industrial community to gain access to the results of the newest research and use it for the benefit of the wider community".



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"For the TICRA Foundation, the collaboration between industry and the talented researchers at the universities is at least as crucial now as it was in H. C. Ørsted's time," says **Oscar Borries, the TICRA Foundation**. "After 50 years as a knowledge-intensive company, we understand how much work it takes to translate theory into practice and at the same time educate future generations of researchers. We are therefore very proud to be take part in awarding this medal to one of the researchers who really makes a difference every day," concludes Oscar Borries.

Samel Arslanagic says: "It is with great joy and humility that I receive this recognition from SNU. It not only sheds light on the important work we researchers and educators do on a daily basis, but certainly also provides an immense motivation to continue our efforts. I am also deeply grateful to DTU for entrusting me with part of the teaching and research in this central area of electrical science and technology, which electromagnetism undeniably is. The recognition also reflects to a very high degree the great atmosphere at DTU Elektro and the colleagues among whom I have had the opportunity to develop, and not forgetting all the engaged students who with their critical sense ensures that we stay up to date".

For more information about the medal reception, the ceremony and Selskabet for Naturlærens Udbredelse, please contact the Society's President Dorte Olesen, telephone 29 92 63 00 or doole@dtu.dk or learn more on SNU's Facebook page, www.facebook.com/SNU1824

About the Society:

Selskabet for Naturlærens Udbredelse (*The Society for the Dissemination of Natural Sciences*) was founded in 1825 by H. C. Ørsted. After a longer trip abroad Ørsted saw the need for a society in Denmark, where anyone could come and hear about the latest achievements in physics and chemistry – and the potential significance of these subjects for business. He therefore began holding lectures which were open to the public. Among the first attendee where the brewer family Jacobsen and in this way SNU helped to form the basis for Carlsberg's leading-edge position in time. Here, almost 200 years later, SNU is still a rallying point, where prominent researchers disseminate the latest knowledge, often across traditional subject boundaries.

About the TICRA Foundation:

TICRA is a world leader in the development of innovative solutions for modelling antennas for satellite communications.

The globally recognised accuracy of TICRA's software solutions enables antenna experts worldwide to achieve the best performance of their satellite system.

TICRA, a global company with 45 employees in Copenhagen and agents around the world, is celebrating its 50th anniversary this year.



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About the H. C. Ørsted silver medal for excellent dissemination of science:

In 2024, Selskabet for Naturlærens Udbredelse, SNU, can celebrate its 200th anniversary. As a prelude, SNU has obtained support from the TICRA Foundation award an H.C. Ørsted silver medal every year from 2021 - 2024. The silver medal comes with a grant of DKK 20,000.

With his discovery of electromagnetism in 1820, H.C. Ørsted laid the foundation for the electrical engineering sciences on which TICRA bases its business. TICRA is a world leader in innovative solutions for modelling antennas for satellites. These antennas transmit and receive electromagnetic signals.

The awarding of the 4 silver medals is intended as a series with a special focus on skilled lecturers and communicators at the universities and researchers as well as engineers in companies that make a special effort to create synergy and collaboration between companies and universities, within the entire spectrum of subjects which is the basis for education and research in the electrotechnical field. “

The award in 2021 is based on recommendations from institutes from all over the country's universities and has been assessed by an expert assessment committee consisting of

- Dorte Olesen, President of SNU, dr.scient.
- Anja Cetti Andersen, Professor of Public Understanding of Science and Technology, Ph.D.
- Ole Mørk Lauridsen, Member of SNUs Board, Engineer
- Oscar Borries, Head of Mathematics and AI at TICRA, Ph.D.