

2024 Pioneer Awards

Dr. Sven Bodenstedt is recognized for the clear market orientation of his PhD thesis

December 23, 2024

Scientific research is carried out across a range of fields and researchers pursing PhDs are encouraged to consider not only the scientific value of their work, but also its potential commercial and industrial viability. For this reason, I. CERCA, the Government of Catalonia's technical service for supervising, supporting and facilitating the activities of the research centres in the CERCA system, recognizes each year a few outstanding thesis's from CERCA centers that are notable for results with clear commercial orientation.

On Wednesday, December 18th, I. CERCA awarded prizes to four recent PhD graduates who are the winners of the 11th edition of the Pioneer Award. The awards recognize researcher whose doctoral thesis proposes to initiate or strengthen some technology or product th t may be of industrial or commercial interest, or that contributes significantly to t e development of public policie

. ICFO congratulated **Dr. Sven Bodenstedt** who carried out his PhD work in the **Atomic Quantum Optics group** supervised by ICREA Prof. Dr. Morgan Mitchell and Dr. Michael Tayler.

Sven was awarded a 2024 Pioneer Award for his thesis, entitled i¿½Optically Detect
d Nuclear Magnetic Resonance Above and Far Below Earth's Magnetic Fieldi¿½ whic
he defended in February 2

4. The Jury highlighted his thesis for the i¿½revolutionary concept and the reduction of time and expenses with respect to current magnetic resonance systems, which are costly and difficult to make accessible to the entire population.i¿½

Congratulations Sven!



Awardees of the Pioneer Awards 2024