

About the university

Founded in 2003, the University of Luxembourg is the only public university of the Grand Duchy of Luxembourg. Multilingual, international and research-oriented, it is also a modern institution with a personal atmosphere. UL consists of 850 scientific and research staff, supporting 242 professors, assistant professors and lecturers with 6,366 students originating from 113 different countries. The university hosts three faculties and three interdisciplinary centres, offering close connections to collaborating with local and international industries and also has several partnerships with other highly-respected academic and research institutions worldwide.



SanDAL



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ERA Chair in Mathematical Statistics and Data Science for the University of Luxembourg



The ERA Chair SandAL has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 811017.

Project overview

Funded under the EU's Horizon 2020 framework programme, the University of Luxembourg has received an exceptional grant to create a high-level research group in mathematical statistics and data science. The SanDAL project has been awarded €2.5 million for the recruitment of an outstanding researcher and manager as ERA Chair Holder, who will establish the multidisciplinary ERA Chair in Mathematical Statistics and Data Science at the University of Luxembourg (UL).

This 5-year project (2019-2024) is expected to elevate the university's expertise on several levels, including the formation of a team consisting of top-level talent, the creation of a strong research programme, introduce excellent postgraduate training opportunities and continue to support national and European R&D priorities through contributions from its respective scientific field.



Aims and objectives

The SanDAL project will foster the university's research excellence in two research sub-topics:

1. High-Dimensional Data Analysis;
2. New Mathematical Tools for Contemporary Statistics.

By strengthening these scientific areas, UL will increase their collaborations within Luxembourg's innovative sectors. The ERA Chair in MS&DS will contribute to educating and training young students as well as conducting applied research.

The ERA Chair Team will reach out from UL's Faculty of Science, Technology and communication to the Faculty of Law, Economics and Finance, as well as the Faculty of Language and Literature, Humanities, Art and Education. The overall aim is to bridge the gap between the different research disciplines but find their common grounds in MS&DS.



Through the SanDAL project, there will be necessary structural changes generated within UL's **Mathematics Research Unit** (under FSTC) by:

- a) Boosting its research and training capacity in MS&DS;
- b) Forging strong links and providing MS&DS support services to local stakeholders in the logistics, healthcare, ICT, manufacturing and finance sectors.

Through its scientific activities, project will create impact by increasing the institution's research excellence in these specific fields as well as raising the research profile of the ERA Chair holder and the top-level researchers involved at the University of Luxembourg

