

Swiss Data Science Center (SDSC)

Initiative for Data Science in Switzerland

Swiss Data Science Center (2017-2020 Strategic Initiative of EPF Domain)

- Single, nationwide, distributed center
- Accelerate the use of data science in Swiss academic community
- Proposal by EPFL IC and ETH Zürich CS departments, led by EPFL
- ~30M CHF in new funding (from ETH Board)
- ~30M CHF in institutional match

M.Sc. In Data Science

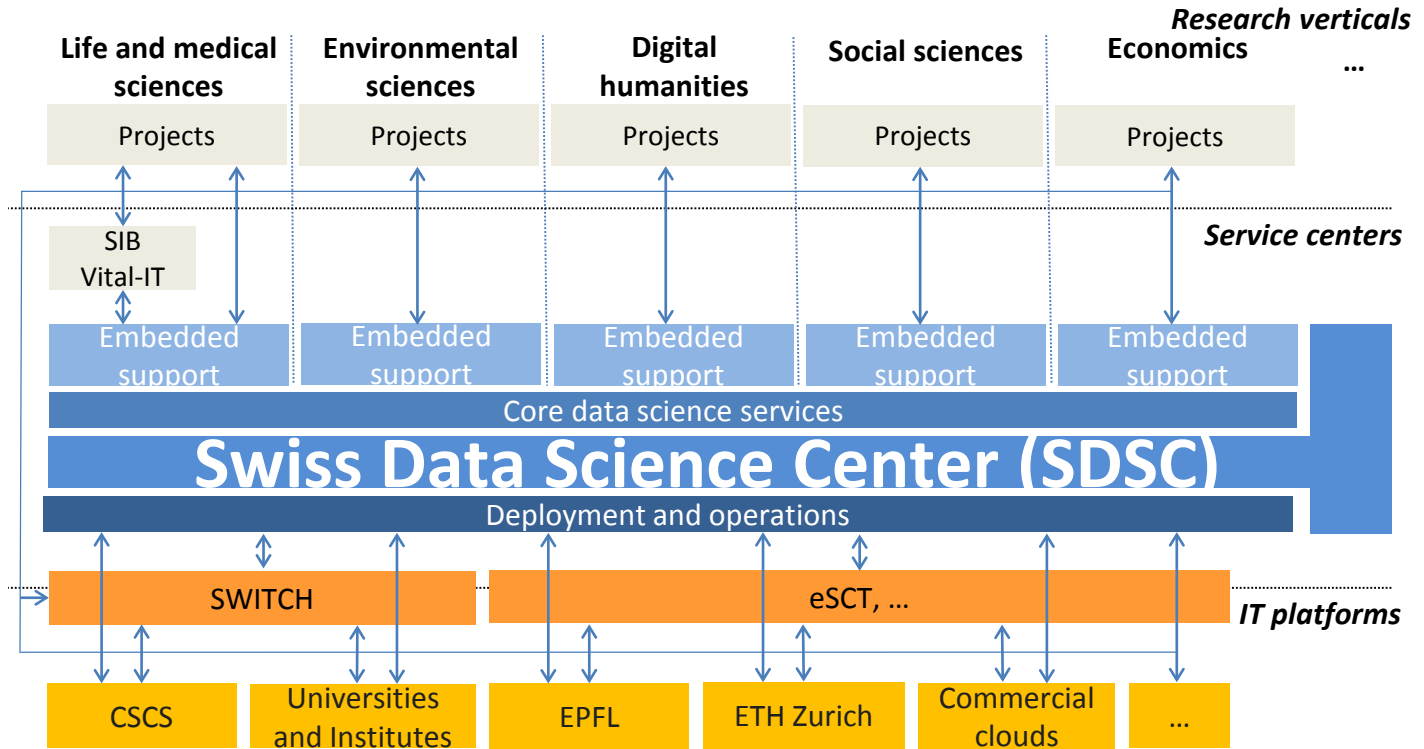
- Offered at EPFL and at ETH Zürich (distinct programs)

Academic Director: Ed Bugnion

Executive Director: Olivier Verscheure



Swiss Data Science Center Services



Scala Center

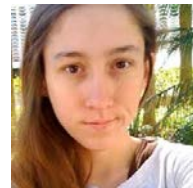
Scala Center

Mission: Foster and integrate open source development around Scala

- MOOCs on functional, parallel and reactive programming
- Organize onsite projects and seminars that lead to minidegrees
- Custom projects sponsored by industry; made available as open source.
- Help in incubating startups and in attracting companies to set up labs in Switzerland

Academic Director: Martin Odersky

Executive Director: Heather Miller



Upcoming MOOCs Specialization

EDUCATION

COMING SOON...

A new Scala mini-degree offered
on Coursera

Composed of:

- 4 courses, **2 NEW courses!**
- one capstone project
(A significant 4-5 week long
final programming project.)

THE COURSES:

1. Functional Programming Principles in Scala
Taught by: Martin Odersky
2. Functional Program Design in Scala
Taught by: Martin Odersky
3. Parallel Programming
Taught by: Viktor Kuncak, Aleksandar Prokopec
4. Big Data Analysis in Scala and Spark
Taught by: Heather Miller