The Advanced School for Computing and Imaging (ASCI) is a national inter-university research school. For 3 decades, ASCI has been a successful research school for doctoral students and faculty members who specialize in the fields of computer systems and imaging systems. ASCI:

- consists of 80 international staff members, and over 100 PhD students. representing 30 research groups from 9 Dutch universities.
- provides a program of courses to doctoral students,
- sponsors two national conferences, one on computer systems and one on computer vision,
- designs and deploys the Distributed ASCI Supercomputer (DAS) systems as a testbed for experimental computer science research.

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Why join?
You are a faculty member in the area of advanced computing or imaging, who sees the importance of reinforcing our working field by participating in, and actively contributing to:

Conferences
ASCI organizes the annual CompSys conference for its PhD students and staff members in computer systems, and sponsors the Netherlands Conference on Computer Vision (NCCV).

Community building and networking
Participating in ASCI courses and conferences offers you, and your students, the opportunity to expand your academic network and get to know the national landscape in your research field.

PhD courses
In-depth computing and imaging courses for PhD students, each taught by renowned scientists:
- Discounted rates for the courses of the other Dutch research schools in computer science, IPA and SIKS.
- In most cases, completion of ASCI courses contributes to meeting requirements of the university’s Graduate School.
- After completion of the ASCI Education Plan, students receive the ASCI Certificate.

Developing teaching and course designing skills
ASCI facilitates you in developing your teaching & education innovation competences, both in hands-on support (organizational, and on-site) and financially. Interested? Learn more!

A Selection from ASCI courses:

- **A16** Winter School on Efficient Deep Learning
  - Prof. Andy Pimentel, UvA

- **A25** Computer Vision by Learning
  - Prof. Cees Snoek, UvA

- **A28** Distributed Systems
  - Prof. Alexandru Iosup, VU

- **A27** Fundamentals and Design of Blockchain-based Systems
  - dr. Jérémie Decouchant, TUD

- **A24** A Programmer’s Guide for Modern High-Performance Computing
  - Prof. Ana-Lucia Varbanescu, UT

- **A29** Hardware and System Security
  - Prof. Nele Mentens, LU

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