

scanR

HIGH-CONTENT SCREENING SYSTEM

user meeting + advanced training

September 21-23, 2026

**Institute of Molecular Genetics
of the Czech Academy of Sciences**

Info & Registration

<https://course.img.cas.cz/scanr>



AGENDA

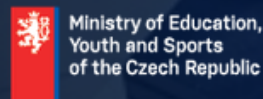
This event is dedicated to scanR system users, providing a space to exchange experience and knowledge during the user meeting. The program is followed by advanced training supported by EVIDENT, with leading application specialists sharing practical expertise and hands-on guidance.

- User Meeting & Scientific Exchange
- AI-Assisted Analysis in scanR
- Training Custom AI Models

SUPPORT

The event is supported by EVIDENT and SVEN BIOLABS through advanced application training, software licences and direct financial support.

EVIDENT



The course is organized by the IMG Core Facility for Light Microscopy, which are supported by MEYS – LM2023050



Programme

DAY 01 - September 21, 2026

- 12:30 REGISTRATION
- 13:00 Welcome and introduction | Ivan Novotny & Pavel Moudry
- 13:15 scanR platform - introduction | TBA
- 13:45 User experience 01 | TBA
- 14:15 User experience 02 | TBA
- 14:45 *coffee break*
- 15:15 scanR platform - development | TBA
- 15:45 User experience 03 | TBA
- 16:15 User experience 04 | TBA
- 16:45 User experience 05 | TBA
- 17:15 *break*
- 17:45 Participants + application specialists self-introduction (3 min short talks)
- 18:00 Wrap-up and closing of the DAY 01

DAY 02 - September 22, 2026

- 09:00 AI-Assisted Analysis in scanR | Lecture
Introduction to the scanR AI / TruAI workflow: model philosophy
- 09:45 *coffee break*
- 10:00 scanR analysis - software intro | *practical sessions - hands-on*
- 11:30 lunch
- 12:30 scanR AI-based segmentation | *practical sessions - hands-on*
- 15:00 *coffee break*
- 15:30 scanR analysis - user data processing | *hands-on session*
- 17:00 Wrap-up and closing of the DAY 02
- 18:30 Outdoor Grill Garden Get-Together

DAY 03 - September 23, 2026

- 09:00 Training Custom AI Models | Lecture
Annotation strategy, model training, validation
- 09:45 *coffee break*
- 10:00 cellSense - software introduction | *practical sessions - hands-on*
- 11:30 lunch
- 12:30 cellSense AI model training | *practical sessions - hands-on*
- 15:00 *coffee break*
- 15:30 AI model use in scanR analysis | *hands-on session*
- 17:00 scanR platform perspectives
- 17:30 Wrap-up and meeting closing