

Lighthouse Local Therapies Bavarian Cancer Research Center (BZKF)

Monthly Seminar - Mondays, 16:00 - 17:00 o'clock (30min talk + 30min discussion)

Zoom-link: <https://lmu-munich.zoom-x.de/j/64323701926?pwd=o29JFuthASqjAoaRrHDsJBS8dJdEZo.1>
Organization: Guillaume Landry, Michael Ingrisich, Christian Thieke

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| 12.05.2025 | Next-Generation Motion Management in Radiotherapy:
The Role of Artificial Intelligence in Tracking Moving Lesions
Guillaume Landry |
| 23.06.2025 | AI-based histology prediction from endoscopic images in colorectal cancer
Alexander Hann |
| 14.07.2025 | AI-based image reconstruction for interventional MRI
Michael Ingrisich |
| 15.09.2025 | AI-guided low field MRI
Jana Hutter |
| 13.10.2025 | Medical image registration for image-guided interventions and longitudinal image analysis
Thomas Wendler |
| 10.11.2025 | AI in ultrasound und future perspective of ultrasound in surgery
Ivor Dropco and Andreas Bauer |



Local Therapies

The Lighthouse Local Therapies aims to develop AI-based imaging solutions to optimise local cancer treatments and improve patient outcomes. Experts from radiology, radiotherapy, surgery and computer science are working together to overcome challenges in medical imaging and develop advanced image analysis for tumour detection and treatment planning. They are also working to improve real-time imaging technologies and create standardised imaging data at the BZKF sites.

More Information: <https://bzkf.de/f/forschung/leuchttuerme/lokale-therapien/>