

# *Seminar on Radiological Imaging Informatics and Intelligent Biomedical Systems Engineering*

## Date and time

- 14:00 – 15:00, May 26th (Tue), 2026 (Japan Standard Time; UTC+9:00)

## Venue

- Onsite  
Meeting room #2, Seiryō-Hall (2<sup>nd</sup> floor)  
Tohoku University Graduate School of Medicine  
2-1 Seiryō-machi, Aoba-ku, Sendai, Miyagi, 980-8575, Japan
- Online  
Google Meet (URL will be provided upon an email-based request)  
Deadline: 12:00 May 25th (Mon.)

## Program

- 14:00 – 14:50  
“**Applied Machine Learning in Computer Vision and Voice Pathology Detection**”  
**Dr. Jan Vrba, Assistant Prof.**  
(Assistant Professor, University of Chemistry and Technology in Prague, Czech / Visiting Assistant Professor, Tohoku University, Japan)  
“**Deep Generative Models for Medical Image Analysis and Synthesis**”  
**Dr. Zolnamar Dorjsembe**  
(Research Assistant, Intelligent Medical Device Lab, Institute of Medical Device and Imaging, National Taiwan University College of Medicine, Taiwan / Google PhD Fellow in Health Research / Ph.D. Candidate, Department of Computer Science and Information Engineering, National Taiwan University of Science and Technology, Taiwan)
- 14:50 – 15:00  
**Discussions (Q&A talk with participants)**

## Organizer:

- Department of Radiological Imaging and Informatics, Tohoku University Graduate School of Medicine & Intelligent Biomedical Systems Engineering Laboratory, Graduate School of Biomedical Engineering, Tohoku University  
E-mail: [secretary.rii.med@grp.tohoku.ac.jp](mailto:secretary.rii.med@grp.tohoku.ac.jp)

## Co-sponsors:

- National Taiwan University and Tohoku University (NTU-TU) Joint Seed Funding
- United Centers for Advanced Research and Translational Medicine (ART), Tohoku University Graduate School of Medicine
- AI lab, Tohoku University Hospital

# 医用画像工学・知能システム医工学 セミナー

## 日時

- 2026年5月26日（火）14:00 – 15:00

## 会場

- オンサイト  
〒980-8575 仙台市青葉区星陵町 2-1  
東北大学 大学院医学系研究科  
星陵会館 2階 小会議室 2
- オンライン  
Google Meet (メールにてお問い合わせください)  
締切: 5月25日（月）正午

## プログラム

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“**Applied Machine Learning in Computer Vision and Voice Pathology Detection**”  
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**Discussions (Q&A talk with participants)**

## 主催：

- 東北大学大学院医学系研究科医用画像工学分野／  
東北大学大学院医工学研究科知能システム医工学分野  
E-mail: [secretary.rii.med@grp.tohoku.ac.jp](mailto:secretary.rii.med@grp.tohoku.ac.jp)

## 共催：

- 東北大学－国立台湾大学マッチングファンド
- 東北大学大学院医学系研究科附属 創生応用医学研究センター
- 東北大学病院 AI lab