Doctoral Forum 2025 (June 25)

Talk session (Aula A)

10:30am − 10:40am   Krzysztof Koczorowski
Quantitative approach to weak amenability of Banach algebras

10:45am − 10:55am   Mateusz Litka
Maker-breaker games on random intersection graphs

11:00am − 11:10am   Tomasz Kościuszko
Improved bounds on Shur-like numbers

11:15am − 11:25am   Adam Krupowies
On a Ramsey numbers of family P_3

11:30am − 11:40am   Kamil Śmietaniak
*Relationship between representations and existence of one fixed point actions
on spheres*

11:45am − 11:55am   Zuzanna Rygiewicz
Geometrical structures related to relevance logics

Coffee break (Main hall)

Talk session (Aula A)

12:30pm − 12:40pm   Aleksandra Sadurska
*Leveraging GPS data and attention-based BiLSTM for injury prediction
in professional football*

12:45pm − 12:55pm   Michał Zaręba
*Analysis of football player performance using innovative metrics
and machine learning models*

1:00pm − 1:10pm   Iwona Christop
*Transfer of subjective speech features: development and evaluation
of systems with audio modality*

1:15pm − 1:25pm   Konrad Pierzyński
Modeling artificial empathy in decentralized robotic swarms

1:30pm − 1:40pm   Mateusz Ogrodowczyk
Dynamic framework for modeling fungi development

1:45pm − 1:55pm   Filip Patyk
Synthetic medical image dataset quality metrics for generative model evaluation

2:00pm − 2:10pm   Jan Świątek
Graph neural networks for spatial analysis in football match

2:15pm − 2:25pm   Karol Idaszak
*Analiza wpływu zbiorów danych treningowych na wyniki i ich wiarygodność w dużych
modelach językowych*

2:30pm − 2:40pm   Mateusz Piątkowski
About modern proof systems – SNARKs