

<b>Candidates</b>	<b>Topic</b>	<b>Year, University</b>
1. Christoph Huemmer	Detection and Categorization of unknowns in Visual Perception	4 <sup>th</sup> Year, Prof. Dr. Mario Trapp, TU Munich
2. Fabian Konstantinidis	Conditional Prediction by Simulation	4 <sup>th</sup> Year, Prof. Dr. Christoph Stiller, Karlsruhe Institute of Technology
3. Gasser Elazab	Monocular Visual Perception for Chassis and Drivetrain Functions	03 <sup>rd</sup> Year, Prof. Olaf Hellwich TU Berlin
4. Liangyu Zhong	Adapting Generalist Models for Automotive Perception	04 <sup>th</sup> Year, Prof. Dr. Mario Trapp TU Munich
5. Daniel Casado	Localization and Mapping of Autonomous Vehicles using Radar	03 <sup>rd</sup> Year, Prof. Dr. Cyrill Stachniss University of Bonn
6. Jan-Philipp Goebel	Driver Intoxication Detection	03 <sup>rd</sup> Year, Prof. Dr. Andreas Riener Johanner Kepler University Linz
7. Sharang Kaul	Quantifying the Performance of Perception in Autonomous Driving	03 <sup>rd</sup> Year, Prof. Dr. Abhinav Valada University of Freiburg
8. Shubham Phoolari	Scenario Generation via a Generative Model for Virtual Verification of Autonomous Driving Systems	03 <sup>rd</sup> Year, Prof. Dr. Steven Peters TU Darmstadt
9. Yin Wu	Data-Driven Verification of ADAS/AD	02 <sup>nd</sup> Year, Prof. Dr. Marius Zollner Karlsruhe Institute of Technology
10. Arslan Tariq	Traffic Optimization using AI	4 <sup>th</sup> Year, Prof. Dr. Bogenberger TU Munich
11. Vishnu Pradeep	Leveraging Driver Gaze Patterns for Automated Driving	02 <sup>nd</sup> Year, Prof. Gabriel Moya Alcover University of Balearic Islands, Spain
12. Jiarong Wie	Environment Semantics for Automated Parking	02 <sup>nd</sup> Year, Prof. Abhinav Valada University of Freiburg
13. Tihomir Rohlinger	System Level Runtime Assurance : Contextual Understanding of Defeaters	03 <sup>rd</sup> Year, Prof. Dr. Stefan Wagner Universitat Stuttgart
14. Francesco Maldonato	Holistic Smart Charging System for Bidirectional Electric Vehicles	03 <sup>rd</sup> Year, Prof. Dietmar Goehlich TU Berlin
15. Jin Wenzhao	Design and Implementation of AI-Driven Intrusion Detection for Securing Autonomous Vehicle Networks	02 <sup>nd</sup> Year, Prof. Dr. Vassilis Prevelakis TU Braunschweig
16. Kashmira Arvind Rane	Resilient Hardware Mechanisms – Virtual Testing and Monitoring of Chiplet-based Embedded systems	01 <sup>st</sup> Year, Prof. Sven Rzepka and Prof. Bernhard Wunderle TU Chemnitz

17. Johanna Eiting	In-Car Gaming – Exploring the global and psychological context	03 <sup>rd</sup> year, Prof. Dr. Benedikt Morschheuser FAU Erlangen-Nurnberg
18. Jonathan Stief	Understanding and Design of Gameful UGC creation solutions in Mobility	03 <sup>rd</sup> year, Prof. Dr. Benedikt Morschheuser FAU Erlangen-Nurnberg
19. Muhammet Uslu	Efficient ECU Operation Through Resourcing-Saving Software Development	02 <sup>nd</sup> Year, Prof. Spinczyk University of Osnabruck
20. Tsung Yuan Tseng	Debugging Object Detectors	