Past Classes List

Term	Module	Class	Current and Past Lecturer(s)
Winter	BM1	Advanced Natural Language Processing	Prof. Dr. Alexander Koller, Dr. Tatjana Scheffler, Prof. Dr. David Schlangen, Berfin Aktas, Dr. Jana Götze, Brielen Maira Madureira Lasota, Dr. Sherzod Hakimov, Meng Li
Summer	BM2	Intelligent Data Analysis	Prof. Dr. Tobias Scheffer / Prof. Shravan Vasishth, Dr. Raban Titus von der Malsburg
Winter	BM3	Advanced Problem Solving Techniques	Prof. Dr. Torsten Schaub, Dr. Martin Gebser, Javier Romero Davila, Francois Laferriere, Etienne Tignon, Amadé Nemes, Ryan Murphy
Winter	FM1	Foundations of Mathematics	Dr. Lena Jäger, Thomas Kern, Paul Mätzig, Dr. Raban Titus von der Malsburg, Prof. Dr. Shravan Vasishth, Himanshu Yadav, Michael Vrazitulis
Winter	FM2	Foundations of Computer Science	Dr. Henning Bordihn, Dr. Christian Hammer
Winter	FM3	Foundations of Linguistics	Dr. Debopam Das, Dr. Tatjana Scheffler, Dr. Sharid Loáiciga Sánchez, Prof. Dr. David Schlangen, Dr. John Michael Tomlinson

Term	Module	Class	Lecturer(s)
Winter 2025/26	AM11/12	Current Highlights in NLP	Dr. Sherzod Hakimov
		Phonological Cognition	Prof. Dr. Adamantios Gafos
		Technology and Democracy	Dr. Christoph Maximilian Abels, Prof. Dr. Stephan Lewandowsky
	AM21/22	Bayesian Statistical Inference I	Prof. Dr. Shravan Vasishth
		Maschinelles Lernen & Intelligente Datenanalyse II	Prof. Dr. Tobias Scheffer
	AM31/32	Applied Causal Inference	Prof. Dr. Jakob Runge, Sofia Faltenbacher
		Reasoning with Large Language Models	Prof. Dr. Torsten Schaub, Amadé Nemes
	PM1	Mining Opinions and Arguments	Prof. Dr. Manfred Stede
	PM2	Maschinelles Lernen	Prof. Dr. Tobias Scheffer
	PM3	Declarative Problem Solving	Ryan Murphy, Prof. Dr. Torsten Schaub
		Railway Scheduling	Ryan Murphy, Prof. Dr. Torsten Schaub

Summer 2025	AM11/12	Atelier in Experimental and Computational Phonology	Dr. Yijing Lu
		Large Language Models: Theory and Practice	Meng Li
		Thinking and Doing: Recent Work on Reasoning Models, Test-Time Scaling, AI Agents, and Agentic AI	Prof. Dr. David Schlangen
	AM21/22	Graph Neural Networks	Prof. Dr. Tobias Scheffer
	AM31/32	Advanced Declarative Problem Solving and Optimization	Javier Romero Davila, Prof. Dr. Torsten Schaub
		Reasoning with Large Language Models	Prof. Dr. Torsten Schaub, Amadé Nemes
		Applied Causal Inference	Prof. Dr. Jakob Runge, Sofia Faltenbacher
	PM1/PM2	Evaluating Chat-Optimized Language Models	Dr. Sherzod Hakimov
		Post-Training of Large Language Models through Simulated Interaction	Prof. Dr. David Schlangen
	PM2	Maschinelles Lernen	Prof. Dr. Tobias Scheffer
	PM3	Declarative Problem Solving	Ryan Murphy, Prof. Dr. Torsten Schaub
		Solver Construction	Ryan Murphy, Prof. Dr. Torsten Schaub
		Railway Scheduling	Ryan Murphy, Prof. Dr. Torsten Schaub
Winter 2024/25	AM11/12	Current Topics in Computational Linguistics	Dr. Sherzod Hakimov
		Phonological Cognition	Prof. Dr. Adamantios Gafos
	AM21/22	Bayesian Statistical Inference 1	Prof. Dr. Shravan Vasishth
		Maschinelles Lernen & Intelligente Datenanalyse II	Prof. Dr. Tobias Scheffer
	AM31/32	Knowledge-Based Configuration	Prof. Dr. Torsten Schaub, Amade Nemes
	PM1	Mining Opinions and Arguments	Prof. Dr. Manfred Stede
	PM2	Maschinelles Lernen	Prof. Dr. Tobias Scheffer
	PM3	Declarative Problem Solving	Prof. Dr. Torsten Schaub, Javier Romero Davila, Amadé Nemes, Ryan Murphy
		Railway Scheduling	Prof. Dr. Torsten Schaub, Javier Romero Davila, Amadé Nemes, Ryan Murphy
		Solver Construction	Prof. Dr. Torsten Schaub, Javier Romero Davila, Amadé Nemes, Ryan Murphy
	AM11/12	Atelier in Experimental and Computational Phonology	Prof. Dr. Adamantios Gafos

Summer 2024		Pretrained Models	Meng Li
		Understanding, Meaning, and Machines	Prof. Dr. David Schlangen
	AM21/22	Bayesian Statistical Inference 2	Prof. Dr. Shravan Vasishth
	AM31/32	Advanced Declarative Problem Solving and Optimization	Prof. Dr. Torsten Schaub, Javier Romero Davila, Francois Laferriere
		Knowledge-Based Configuration	Prof. Dr. Torsten Schaub, Amadé Nemes
		Cognitive and Sensorimotor Development	Elena Kulkova
	PM1/PM2	Evaluating Chat-Optimized Language Models	Dr. Sherzod Hakimov
		Programming with LLMs	Prof. Dr. David Schlangen
	PM2	Machine Learning	Prof. Dr. Tobias Scheffer
	PM3	Declarative Problem Solving	Prof. Dr. Torsten Schaub, Javier Romero Davila, Francois Laferriere, Amadé Nemes
		Railway Scheduling	rof. Dr. Torsten Schaub, Javier Romero Davila, Francois Laferriere, Amadé Nemes
Winter 2023/24	AM11/12	Current Highlights in NLP	Dr. Sherzod Hakimov
		Phonological Cognition	Prof. Dr. Adamantios Gafos
	AM21/22	Bayesian Statistical Inference 1	Prof. Dr. Shravan Vasishth
		Maschinelles Lernen & Intelligente Datenanalyse II	Prof. Dr. Tobias Scheffer
	AM31/32	Knowledge-Based Configuration	Prof. Dr. Torsten Schaub, Amadé Nemes
		Language and Development	Elena Kulkova
	PM1	Mining Opinions and Arguments	Prof. Dr. Manfred Stede
	PM2	Machine Learning	Prof. Dr. Tobias Scheffer
	PM3	Declarative Problem Solving	Prof. Dr. Torsten Schaub, Javier Romero Davila, Francois Laferriere, Amadé Nemes
		Railway Scheduling	Prof. Dr. Torsten Schaub, Javier Romero Davila, Francois Laferriere, Amadé Nemes
Summer 2023	AM11/12	Atelier in Experimental and Computational Phonology	Prof. Dr. Adamantios Gafos
		Dialogue Modeling	Dr. Jana Götze, Brielen Maira Madureira Lasota

		Diskursparsing	Prof. Dr. Manfred Stede
		Natural Language Understanding and the Meaning of ChatGPT	Prof. Dr. David Schlangen
	AM21/22	Bayesian Statistical Inference 2	Himanshu Yadav
	AM31/32	Advanced Declarative Problem Solving and Optimization	Prof. Dr. Torsten Schaub, Javier Romero Davila, Francois Laferriere, Etienne Tignon
		Multi-agent path finding	Prof. Dr. Torsten Schaub, Etienne Tignon
		Cognitive and Sensorimotor Development	Elena Kulkova
	PM1/PM2	Language, Vision, and Interaction	Prof. Dr. David Schlangen
		Models That Explain Themselves	Dr. Sherzod Hakimov
	PM2	Machine Learning	Prof. Dr. Tobias Scheffer
	PM3	Declarative Problem Solving	Prof. Dr. Torsten Schaub, Javier Romero Davila, Francois Laferriere, Amadé Nemes
		Intelligent Logistics Technology	Prof. Dr. Torsten Schaub, Javier Romero Davila, Francois Laferriere, Etienne Tignon, Amadé Nemes
		Solver Construction	Prof. Dr. Torsten Schaub, Javier Romero Davila, Francois Laferriere, Etienne Tignon, Amadé Nemes
Winter 2022/23	AM11/12	Current Highlights in NLP	Dr. Sherzod Hakimov
		Phonological Cognition	Prof. Dr. Adamantios Gafos
	AM21/22	Maschinelles Lernen & Intelligente Datenanalyse II	Prof. Dr. Tobias Scheffer
		Bayesian Statistical Inference	Himanshu Yadav
	AM31/32	Multi-agent path finding	Prof. Dr. Torsten Schaub, Etienne Tignon
		Language & Development	Elena Kulkova
	PM1	Mining Opinions & Arguments	Prof. Dr. Manfred Stede
	PM2	Machine Learning	Prof. Dr. Tobias Scheffer
	PM3	Declarative Problem Solving	Prof. Dr. Torsten Schaub, Javier Romero Davila, Francois Laferriere, Amadé Nemes
		Intelligent Logistics Technology	Prof. Dr. Torsten Schaub, Javier Romero Davila, Francois Laferriere, Etienne Tignon, Amadé Nemes

		Solver Construction	Prof. Dr. Torsten Schaub, Javier Romero Davila, Francois Laferriere, Etienne Tignon, Amadé Nemes
Summer 2022	AM 11/12	Atelier in Experimental and Computational Phonology	Prof. Dr. Adamantios Gafos
		Deep Learning for NLP	Brielen Maira Madureira Lasota, Philipp Sadler
		Natural Language Understanding: What Does it Mean?	Prof. Dr. David Schlangen
		Coreference Resolution	Berfin Aktas
	AM 21/22	Bayesian Statistical Inference 2	Himanshu Yadav
	AM 31/32	Advanced Declarative Problem Solving and Optimization	Prof. Dr. Torsten Schaub, Javier Romero Davila, Francois Laferriere, Etienne Tignon
		Multi-agent Path Finding	Prof. Dr. Torsten Schaub, Etienne Tignon
		Cognitive and Sensorimotor Development	Elena Kulkova
	PM1/PM2	Language, Vision, and Interaction	Prof. Dr. David Schlangen
		Multimodal Dialogue in Human-Robot-Interaction	Dr. Maike Paetzel-Prüsmann
	PM2	Machine Learning	Prof. Dr. Tobias Scheffer
	PM3	Declarative Problem Solving	Prof. Dr. Torsten Schaub, Javier Romero Davila, Francois Laferriere
		Intelligent Logistics Technology	Prof. Dr. Torsten Schaub, Javier Romero Davila, Francois Laferriere, Etienne Tignon
		Solver Construction	Prof. Dr. Torsten Schaub, Javier Romero Davila, Francois Laferriere, Etienne Tignon
Winter 2021/22	AM 11/12	Phonological Cognition	Prof. Dr. Adamantios Gafos
	AM 21/22	Bayesian Statistical Inference 1	Prof. Dr. Shravan Vasishth
		Maschinelles Lernen & Intelligente Datenanalyse II	Prof. Dr. Tobias Scheffer
	AM 31/32	Multi-agent Path Finding	Prof. Dr. Torsten Schaub, Etienne Tignon
		Language & Development	Elena Kulkova
	PM1	Mining Opinions and Arguments	Prof. Dr. Manfred Stede
	PM2	Machine Learning	Prof. Dr. Tobias Scheffer
	PM3	Intelligent Logistics Technology	Prof. Dr. Torsten Schaub, Javier Romero Davila,

			Francois Laferriere, Etienne Tignon
Summer 2021	AM 11/12	Atelier in Experimental and Computational Phonology	Dr. Manfred Pastätter
		Text Mining in the Social Sciences	Prof. Manfred Stede
		Human-Robot Interaction: Computational and Psychological perspectives	Prof. Dr. David Schlangen
		Deep Learning for NLP	Dr. Sharid Loáiciga Sánchez
	AM 11/12/ AM 21/22	Doing Science and Conducting Research	Brielen Maira Madureira Lasota
	AM 21/22	Bayesian Statistical Inference 2	Prof. Dr. Shravan Vasishth
	AM 31/32	Current Topics in Computational Intelligence	Prof. Dr. Torsten Schaub, Javier Romero Davila, Etienne Tignon
		Multi-agent path finding	Prof. Dr. Torsten Schaub, Etienne Tignon
		Cognitive and Sensorimotor Development	Elena Kulkova
	PM1/PM2	Cooperative Task-Solving with an Embodied Artificial Agent	Dr. Maike Paetzel-Prüsmann
		Building an Interactive Language and Vision Bot	Philipp Sadler, Prof. David Schlangen
	PM2	Machine Learning	Prof. Dr. Tobias Scheffer
	PM3	Declarative Problem Solving	Francois Laferriere, Javier Romero Davila, Prof. Torsten Schaub
		Intelligent Logistics Technology	Prof. Torsten Schaub, Francois Laferriere, Javier Romero Davila, Etienne Tignon
		Solver Construction	Francois Laferriere, Javier Romero Davila, Prof. Torsten Schaub, Etienne Tignon
Winter 2020/21	AM 11/12	Phonological Cognition	Prof. Dr. Adamantios Gafos
		Digital Language Learning II	Prof. Dr. Harald Clahsen
	AM 21/22	Bayesian Statistical Inference 1	Prof. Dr. Shravan Vasishth
		Maschinelles Lernen & Intelligente Datenanalyse II	Prof. Dr. Tobias Scheffer
	AM 31/32	Current Topics in Computational Intelligence	Prof. Dr. Torsten Schaub, Javier Romero Davila, Etienne Tignon
		Language & Development	Elena Kulkova
	PM1	Mining opinions & arguments	Prof. Manfred Stede
	PM1/PM2	Coreference Resolution	Dr. Sharid Indhira Loáiciga Sánchez

	PM2	Machine Learning	Prof. Dr. Tobias Scheffer
	PM3	Declarative Problem Solving	Francois Laferriere, Javier Romero Davila, Prof. Torsten Schaub
		Intelligent Logistics Technology	Prof. Torsten Schaub, Francois Laferriere, Javier Romero Davila, Etienne Tignon
		Solver Construction	Francois Laferriere, Javier Romero Davila, Prof. Torsten Schaub, Etienne Tignon
Summer 2020	AM 11/12	Atelier in Experimental and Computational Phonology	Prof. Adamantios Gafos
		Deep Learning for NLP	Dr. Sharid Indhira Loáiciga Sánchez
		Reinforcement Learning for NLP	Brielen Maira Madureira Lasota
	AM 21/22	Bayesian Statistical Inference 2	Prof. Dr. Shravan Vasishth
		Maschinelles Lernen für landwirtschaftliche Anwendungen	Prof. Dr. Niels Landwehr
	AM 31/32	Current Topics in Computational Intelligence	Javier Romero Davila, Prof. Dr. Torsten Schaub
		Cognitive and Sensorimotor Development	Elena Kulkova
	PM1/PM2	Question Processing	Dr. Tatjana Scheffler
		Computational Semantics with Pictures	Prof. Dr. David Schlangen
	PM2	Machine Learning	Prof. Dr. Tobias Scheffer
	PM3	Extensive Declarative Problem Solving	Prof. Dr. Torsten Schaub, Philipp Obermeier
		Extensive Logistics Technology	Prof. Dr. Torsten Schaub, Philipp Obermeier
		Extensive Solver Construction	Prof. Dr. Torsten Schaub, Philipp Obermeier
Winter 2019/20	AM 11/12	Phonological Cognition	Prof. Adamantios Gafos
		Digital Language Learning	Prof. Dr. Harald Clahsen
	AM 21/22	Bayesian Linear Modeling	Dr. phil. Raban Titus von der Malsburg
		Maschinelles Lernen & Intelligente Datenanalyse II	Prof. Dr. Tobias Scheffer
		Data Science	Prof. Dr. Tobias Scheffer
	AM 31/32	Current Topics in Computational Intelligence	Prof. Dr. Torsten Schaub, Javier Romero Davila
		Language and Development	Elena Kulkova
	PM1	Mining opinions and arguments	Prof. Manfred Stede

	PM1/PM2	Coreference Resolution	Dr. Sharid Indhira Loáiciga Sánchez
	PM2	Machine Learning	Prof. Dr. Tobias Scheffer
	PM3	Extensive Declarative Problem Solving	Prof. Dr. Torsten Schaub
		Extensive Solver Construction	Prof. Dr. Torsten Schaub
		Extensive Logistics Technology	Prof. Dr. Torsten Schaub
Summer 2019	AM 11/12	Recent NLP Highlights	Prof. Dr. David Schlangen
		Atelier in Experimental and Computational Phonology	Prof. Adamantios Gafos
		Text Visualization	Dr. Krestel
	AM 21/22	Learning Generative Models	Andreas Krug
		Machine Learning in Precision Medicine	Prof. Dr. Christoph Lippert
		Applied Data Science	Prof. Dr. Tobias Scheffer
	AM 31/32	Current Topics in Computational Intelligence	Prof. Dr. Torsten Schaub, Javier Romero Davila
	PM1	Text Mining Applications	Prof. Manfred Stede
	PM1/PM2	Computational Semantics with Pictures	Prof. Dr. David Schlangen
		Discourse Parsing	René Knaebel
	PM2	Machine Learning	Prof. Dr. Tobias Scheffer
		Applications in Deep Learning	René Knaebel, André Ofner
	PM3	Extensive Logistics Technology	Prof. Dr. Torsten Schaub
		Extensive Solver Construction	Prof. Dr. Torsten Schaub
		Extensive Declarative Problem Solving	Prof. Dr. Torsten Schaub
Winter 2018/19	AM 11/12	Digital Language Learning	Prof. Dr. Harald Clahsen
		Phonological Cognition	Prof. Adamantios Gafos
		Shallow Discourse Parsing	Prof. Dr. Manfred Stede, Dr. Tatjana Scheffler
		e-Lexicography	PD Dr. Alexander Geyken
		Problem solving using Python	Prof. Dr. Manfred Stede, Dr. Tatjana Scheffler
	AM 21/22	Bayesian Linear Modeling	Prof. Dr. Shravan Vasishth
		Introduction to Deep Learning	Andreas Krug
		Cognition-Bridging Neuroscience and Artificial Intelligence	André Ofner
		Neural Models for Machine Translation	René Knaebel
		Intelligente Datenanalyse 2	Prof. Dr. Tobias Scheffer
		Data Science	Prof. Dr. Tobias Scheffer
	AM 31/32	Current Topics in Computational Intelligence	Prof. Dr. Torsten Schaub, Javier Romero Davila

	PM1	Argumentation Mining	Prof. Dr. Manfred Stede
		Questions and NLP	Dr. Tatjana Scheffler
		Elasticsearch	Marko Drotschmann
	PM2	Machine Learning	Prof. Dr. Tobias Scheffer
		Applications in Deep Learning	Andreas Krug, René Knaebel, André Ofner
	PM3	Extensive Logistics Technology	Prof. Dr. Torsten Schaub
		Extensive Solver Construction	Prof. Dr. Torsten Schaub
		Extensive Declarative Problem Solving	Prof. Dr. Torsten Schaub
Summer 2018	AM 11/12	Atelier in Experimental and Computational Phonology	Prof. Adamantios Gafos
		Questions and Models of Discourse	Dr. Tatjana Scheffler
		Neural Models for Speech Synthesis	René Knaebel
		Digital Language Learning	Prof. Dr. Harald Clahsen
	AM 21/22	Introduction to Deep Learning	Dr. Ing. Sebastian Stober
		Learning Generative Models	Andreas Krug
		Data Mining and Knowledge Discovery	Prof. Dr. Christoph Schommer
	AM 31/32	Current Topics in Computational Intelligence	Javier Romero Davila, Prof. Dr. Torsten Schaub
	PM1/PM2	Automatic Text Simplification	Prof. Manfred Stede, Dr. Ing. Sebastian Stober
	PM2	Machine Learning	Prof. Dr. Tobias Scheffer
	PM3	Extensive Logistics	Prof. Dr. Torsten Schaub, Dr. Martin Gebser
		Extensive Solver Construction	Prof. Dr. Torsten Schaub, Dr. Martin Gebser
		Extensive Declarative Problem Solving	Prof. Dr. Torsten Schaub, Dr. Martin Gebser
Winter 2017/18	AM 11/12	Phonological Cognition	Prof. Adamantios Gafos
		Shallow Discourse Parsing	Dr. Tatjana Scheffler, Prof. Manfred Stede
	AM 11/12 AM 21/22	Introduction to Deep Learning	Dr. Ing. Sebastian Stober
	AM 21/22	Intro to Statistical Data Analysis	Dr. phil. Raban Titus von der Malsburg
		Learning Generative Models	Andreas Krug
		Intelligente Datenanalyse II	Prof. Tobias Scheffer
	PM1	Argumentation Mining	Prof. Dr. Manfred Stede
		Classification	Dr. Tatjana Scheffler
	PM2	Machine Learning	Prof. Dr. Tobias Scheffer
	PM3	Extensive Logistics	Prof. Dr. Torsten Schaub, Dr. Martin Gebser

		Extensive Solver Construction	Prof. Dr. Torsten Schaub, Dr. Martin Gebser
		Extensive Declarative Problem Solving	Prof. Dr. Torsten Schaub, Dr. Martin Gebser
Summer 2017	AM 11/12	Classification Approaches for Social Media Text	Dr. Tatjana Scheffler
		Computational Models of Sentence Processing	Dario Paape
	AM 31/32	Current Topics in Computational Intelligence	Javier Romero Davila, Prof. Dr. Torsten Schaub
	PM1	Annotation Technologies	Prof. Dr. Manfred Stede
		Knowledge-based text summarization	Prof. Dr. Torsten Schaub, Prof. Dr. Manfred Stede
	PM2	Applied Deep Representation Learning	Dr. Ing. Sebastian Stober
	PM3	Extensive Logistics	Prof. Dr. Torsten Schaub, Dr. Martin Gebser
		Extensive Solver Construction	Prof. Dr. Torsten Schaub, Dr. Martin Gebser
		Extensive Declarative Problem Solving	Prof. Dr. Torsten Schaub, Dr. Martin Gebser
Winter 2016/17	AM 11/12	Shallow Discourse Parsing	Dr. Tatjana Scheffler
	AM 11/12/ AM 21/22	Representation Learning	Dr. Ing. Sebastian Stober
	AM 21/22	Advanced Data Analysis	Bruno Nicenboim
		Intelligente Datenanalyse II	Prof. Dr. Tobias Scheffer
		Maschinelles Lernen zur naturwissenschaftlichen Modellbildung	Prof. Dr. Tobias Scheffer
		Neuronale Netze für die Sprachverarbeitung	Prof. Dr. Tobias Scheffer
	AM 31/32	Current Topics in Computational Intelligence	Prof. Dr. Torsten Schaub, Javier Romero Davila
	PM2	Machine Learning	Prof. Dr. Tobias Scheffer
		Neuronale Netze für die Sprachverarbeitung	Prof. Dr. Tobias Scheffer
	PM3	Extensive Agent Technology	Prof. Dr. Torsten Schaub
		Extensive Declarative Problem Solving	Prof. Dr. Torsten Schaub, Dr. Martin Gebser
		Extensive Solver Construction	Prof. Dr. Torsten Schaub, Dr. Martin Gebser
		Praxisorientierte Softwareentwicklung am Beispiel von E-Learning-Kleinprojekten	Alexander Kiy, Prof. Dr. Ulrike Lucke
Summer 2016	AM 11/12	Current Topics in Computational Linguistics	Prof. Alexander Koller

	AM 21/22	Sprachtechnologie	Prof. Tobias Scheffer
		Datenanalyse-Wettbewerb	Prof. Tobias Scheffer
	AM 31/32	Current Topics in Computational Intelligence	Dr. Martin Gebser, Javier Romero Davila, Prof. Dr. Torsten Schaub
	PM1	Deep Learning for Natural Language Processing	Prof. Alexander Koller, Dr. Ing. Sebastian Stober
	PM3	Extensive Cognitive Robotics	Prof. Torsten Schaub,Dr. Martin Gebser
		Extensive Declarative Problem Solving	Prof. Dr. Torsten Schaub, Dr. Martin Gebser
		Extensive Solver Construction	Prof. Dr. Torsten Schaub, Dr. Martin Gebser
Winter 2015/16	AM 11/12	Unsupervised Linguistic Structure Induction	Dr. rer. nat. Christoph Teichmann
	AM 21/22	Intelligente Datenanalyse II	Prof. Dr. Tobias Scheffer
		Maschinelles Lernen zur naturwissenschaftlichen Modellbildung	Prof. Dr. Tobias Scheffer
		Datenanalyse-Wettbewerb	Prof. Dr. Tobias Scheffer
	AM 31/32	Current Topics in Computational Intelligence	Prof. Dr. Torsten Schaub
		Computational Models of Argument	Prof. Thomas Gordon
	PM2	Machine Learning	Prof. Dr. Tobias Scheffer
		Datenanalyse-Wettbewerb	Prof. Dr. Tobias Scheffer
	PM3	Extensive Cognitive Robotics	Prof. Dr. Torsten Schaub
		Extensive Declarative Problem Solving	Prof. Dr. Torsten Schaub, Dr. Martin Gebser
		Extensive Solver Construction	Prof. Dr. Torsten Schaub, Dr. Martin Gebser
Summer 2015	AM 11/12	Current Topics in CL	Prof. Alexander Koller
		Discourse Processing for Social Media Texts	Prof. Manfred Stede, Dr. Tatjana Scheffler
	AM 11/12 AM 21/22	Natural Language Generation	Vivien Mast
	AM 21/22	Sprachtechnologie	Prof. Tobias Scheffer
	AM 31/32	Current Topics in Computational Intelligence	Prof. Dr. Torsten Schaub
	PM1	Semantic Parsing	Prof. Alexander Koller
		Cross-lingual NLP	Zeljko Agic
	PM3	Extensive Solver Construction	Prof. Torsten Schaub
		Extensive Cognitive Robotics	Prof. Torsten Schaub
		Extensive Declarative Problem Solving	Prof. Torsten Schaub, Javier Romero Davila

		Knowledge-based Text Summarization	Prof. Dr. Torsten Schaub, Prof. Dr. Manfred Stede
Winter 2014/15	AM 11/12	Advanced Data Analysis for Psycholinguistics	Prof. Shravan Vasishth
		Advances in Dependency Parsing	Zeljko Agic
		Computational Models of Parsing	Prof. Shravan Vasishth / Engelmann
	AM 31/32	Current Topics in Computational Intelligence	Prof. Torsten Schaub

AM11/12:

Atelier in Experimental and Computational Phonology

Phonological Cognition

Digital Language Learning

Coreference Resolution

Recent NLP Highlights

Natural Language Understanding: What Does it Mean?

Deep Learning for NLP

Reinforcement Learning for NLP

Text Visualization

Shallow Discourse Parsing

Questions and Models of Discourse

Neural Models for Speech Synthesis

e-Lexicography

Problem solving using Python

Text Mining in the Social Sciences

Human-Robot Interaction: Computational and Psychological perspectives

Classification Approaches for Social Media Text

Computational Models of Sentence Processing

Current Topics in Computational Linguistics

Unsupervised Linguistic Structure Induction

Discourse Processing for Social Media Texts

Advanced Data Analysis for Psycholinguistics

Advances in Dependency Parsing

Computational Models of Parsing

AM11/12/AM21/22:

Introduction to Deep Learning

Doing Science and Conducting Research

Representation Learning

Natural Language Generation

AM21/22:

Intro to Statistical Data Analysis

Bayesian Linear Modeling

Bayesian Statistical Inference 1

Bayesian Statistical Inference 2

Maschinelles Lernen & Intelligente Datenanalyse II

Maschinelles Lernen für landwirtschaftliche Anwendungen

Data Science

Applied Data Science

Advanced Data Analysis

Learning Generative Models

Machine Learning in Precision Medicine

Introduction to Deep Learning

Cognition-Bridging Neuroscience and Artificial Intelligence

Neural Models for Machine Translation

Data Mining and Knowledge Discovery

Maschinelles Lernen zur naturwissenschaftlichen Modellbildung

Neuronale Netze für die Sprachverarbeitung

Sprachtechnologie

Datenanalyse-Wettbewerb

AM31/32:

Current Topics in Computational Intelligence

Multi-agent path finding

Advanced Declarative Problem Solving and Optimization

Language & Development

Cognitive and Sensorimotor Development

Computational Models of Argument

PM1:

Mining opinions & arguments

Argumentation Mining

Text Mining Applications

Questions and NLP

Classification

Elasticsearch

Cooperative Task-Solving with an Embodied Artificial Agent

Building an Interactive Language and Vision Bot

Annotation Technologies

Knowledge-based text summarization

Semantic Parsing

Cross-lingual NLP

Deep Learning for Natural Language Processing

PM1/PM2:

Coreference Resolution

Question Processing

Computational Semantics with Pictures

Discourse Parsing

Automatic Text Simplification

Language, Vision, and Interaction

Multimodal Dialogue in Human-Robot-Interaction

PM2:

Machine Learning

Applications in Deep Learning

Applied Deep Representation Learning

Neuronale Netze für die Sprachverarbeitung

Datenanalyse-Wettbewerb

PM3:

(Extensive) Declarative Problem Solving

Intelligent Logistics Technology

Extensive Logistics (Technology)

(Extensive) Solver Construction

Extensive Agent Technology

Extensive Cognitive Robotics

Knowledge-based Text Summarization

Praxisorientierte Softwareentwicklung am Beispiel von E-Learning-Kleinprojekten