

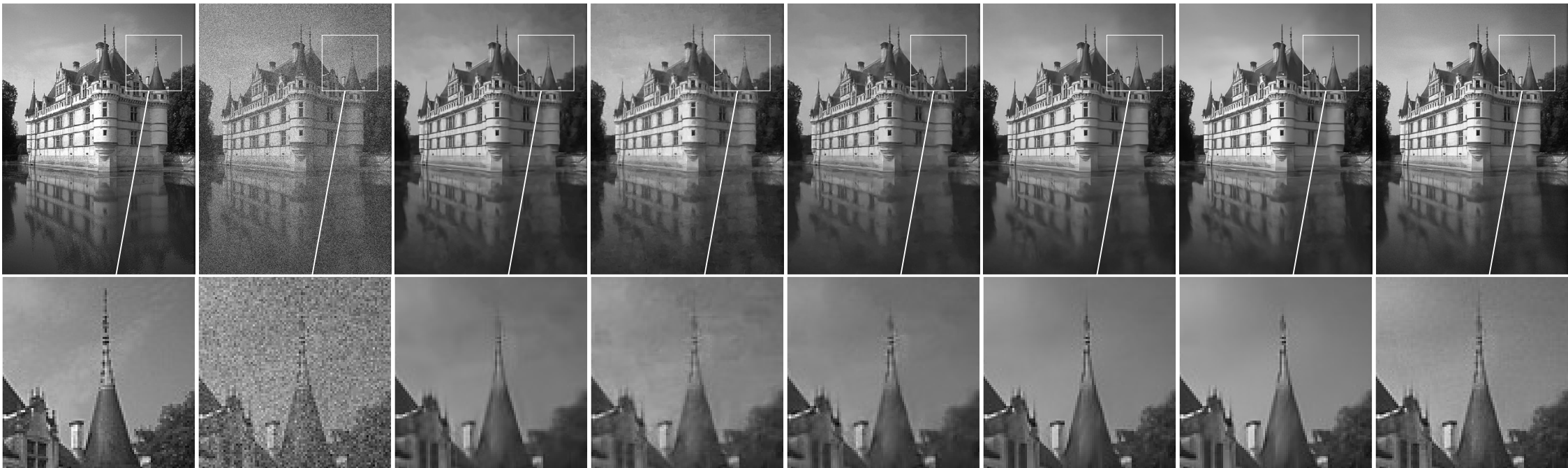


UNIVERSITY OF TECHNOLOGY
IN THE EUROPEAN CAPITAL OF CULTURE
CHEMNITZ

Foundations in Data Science

Bachelor of Science

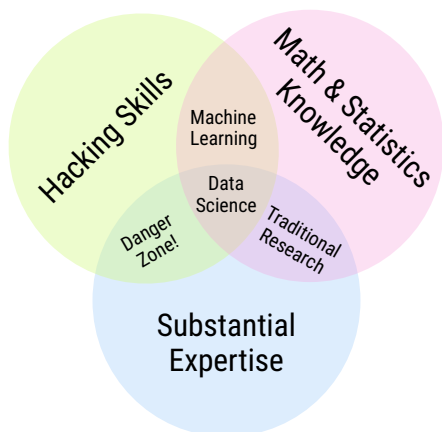
Example: Denoising the Castle



Original Noisy BM3D CRR WCRR Mask-CRR Mask-WCRR Prox-DRUNet

Great things about FiDS

- Flexible program structure with broad range of electives
- Internationalised - the world in Chemnitz
- Education in English
- Hot topics included:
Digital Engineering, Artificial intelligence, Machine Learning
- Career opportunities immediately after graduation
- Master's degree can be followed



Structure of the degree programme

1st Semester 2nd Semester 3rd Semester 4th Semester 5th Semester 6th Semester

German language classes (30 LP)					
Digital Engineering 1-2 (10 LP)		Mathematical Modeling (10 LP)	Statistical Modeling (5 LP)	Compulsory Electives (30 LP)	
Intro to Comp. Machine Learning (5 LP)	Mathematical Programming (5 LP)		Numerical Methods (10 LP)		
Mathematical Training 1-2 (10 LP)		Applied Optimization (10 LP)		Bachelor Thesis (15 LP)	
Mathematics for Science and Engineering 1-4 (40 LP)					

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Mathematik!
TU Chemnitz

www.tu-chemnitz.de/mathematik/studium/