

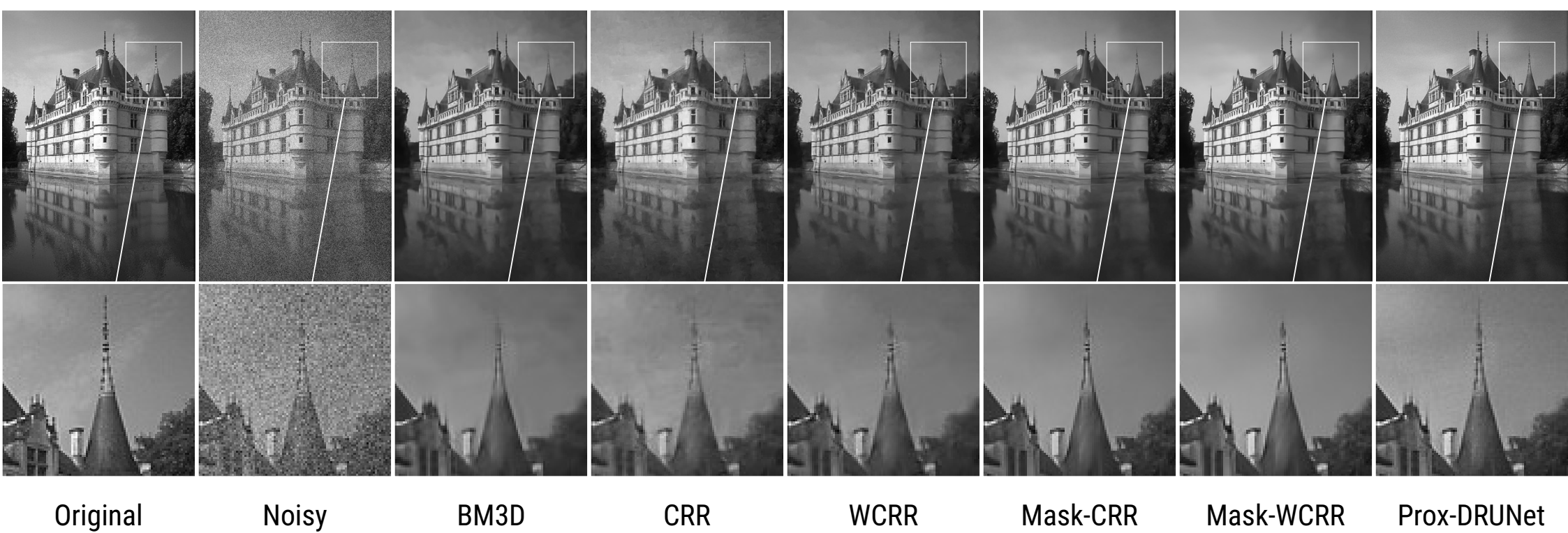


UNIVERSITY OF TECHNOLOGY
IN THE EUROPEAN CAPITAL OF CULTURE
CHEMNITZ

Foundations in Data Science

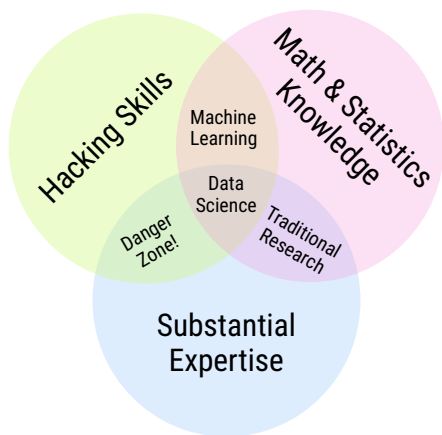
Bachelor of Science

Example: Denoising the Castle



Great things about FiDS

- Flexible programme 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 |
|---|---------------------------------|---------------------------------------|-----------------------------|---------------------------------|--------------|
| Language classes (30 LP) | | | | | |
| Digital Engineering 1-2 (10 LP) | | Mathe- matical 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/fids