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Descriptors for solid catalysts: 21st century discovery tools

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About the author

Erik-Jan Ras was born in 1975 in Rotterdam, the Netherlands. He obtained his bachelors degree in applied organic chemistry from the Hogeschool Rotterdam en Omstreken after which he started his career at Avantium. He started his PhD project at the University of Amsterdam in 2008.

Key topics covered in this thesis:

- ❑ Conceptual views on the integration of parallel reactors and modeling methods in catalyst research
- ❑ Development of descriptor-performance relationships for solid catalysts
- ❑ Outline of methodology that can be used to design catalyst libraries for testing on the basis of diversity

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