



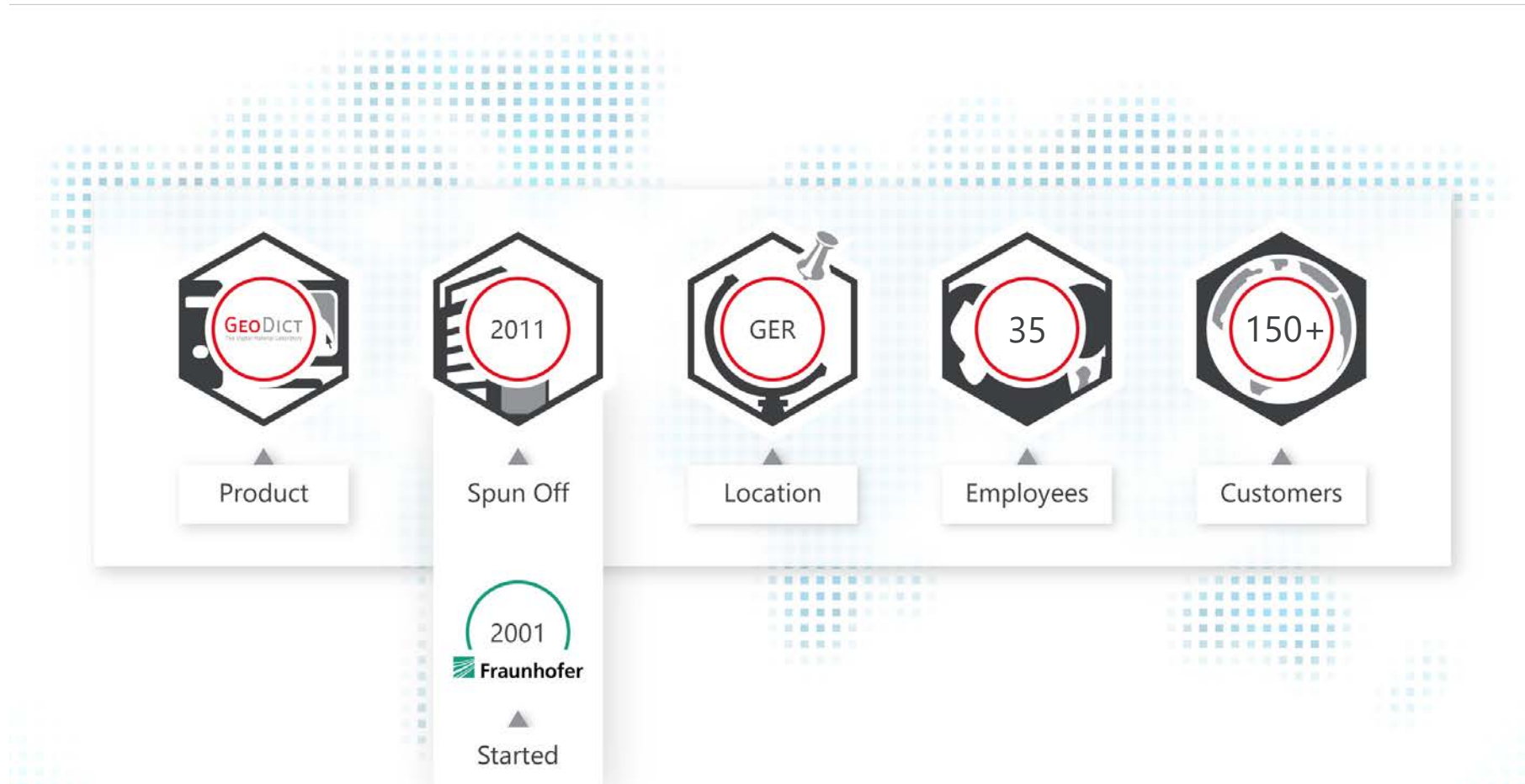
# MATH2MARKET – GEO-DICT DIGITAL ROCK PHYSICS SIMULATION SOFTWARE

**MATH**  
2 MARKET

Society of Core Analysts Annual Symposium

Dr. Jens-Oliver Schwarz, Dr. Sven Linden

# MATH2MARKET GMBH COMPANY OVERVIEW



# SELECTED CLIENTS & PARTNERS



Wir leben Autos.



Bayer Technology Services



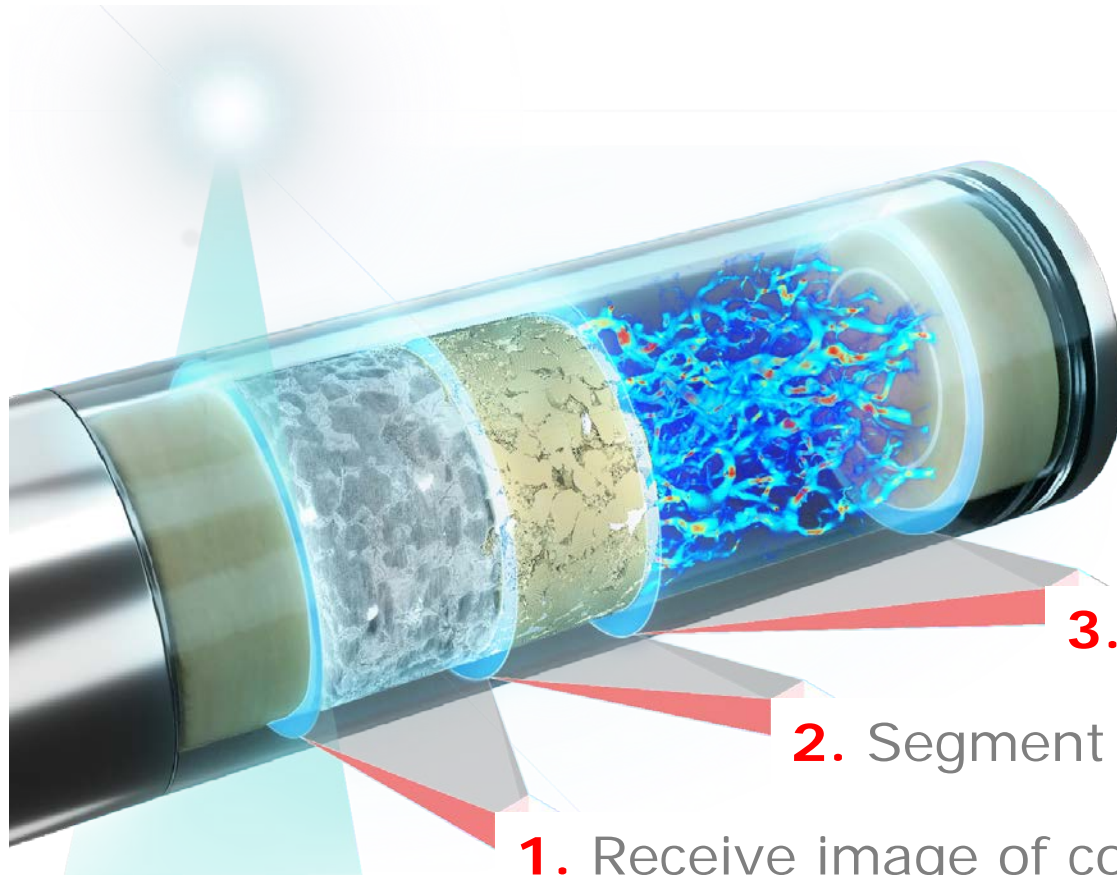
OIL AND GAS INSTITUTE  
National Research Institute



BOSCH



## DIGITAL ROCK PHYSICS – BASIC WORKFLOW



1. Receive image of core, plug or cutting
2. Segment pores & minerals in image
3. Compute rock properties

# GEODICT FOR OIL AND GAS : DIGITAL ROCK PHYSICS PORTFOLIO

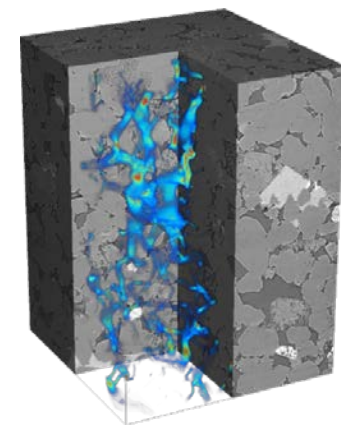
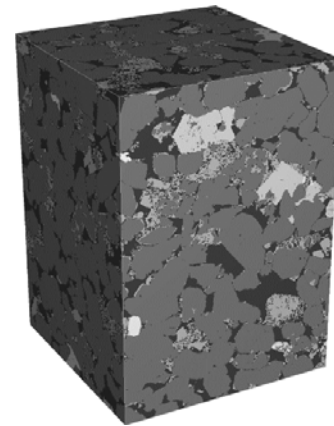
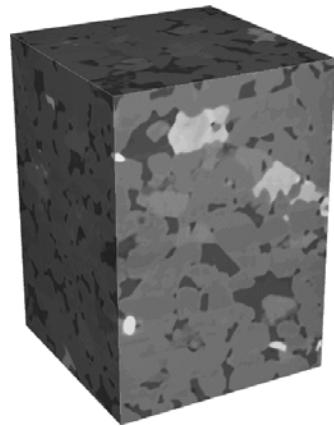
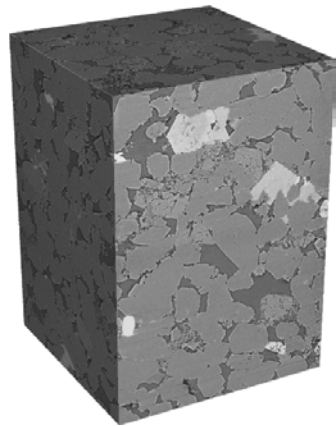
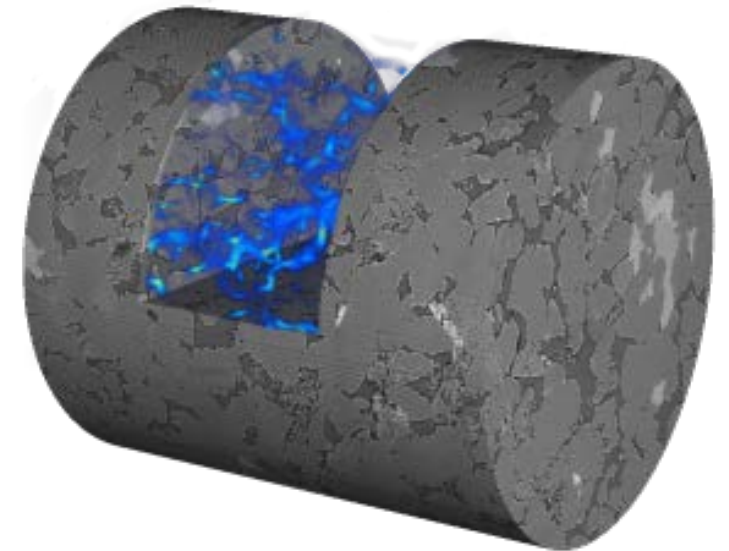


Image import	Image processing	Image segmentation	Property simulations
<ul style="list-style-type: none"> <li>■ <math>\mu</math>CT scans</li> <li>■ Synchrotron CT scans</li> <li>■ FIB-SEM images</li> <li>■ Data from other imaging techniques</li> </ul>	<ul style="list-style-type: none"> <li>■ Adjust image size</li> <li>■ Adjust resolution</li> <li>■ Non-local means filter</li> <li>■ Phansalkar filter</li> <li>■ Sharpening filter</li> </ul>	<ul style="list-style-type: none"> <li>■ Single threshold</li> <li>■ Multiple threshold</li> <li>■ Auto-segmentation with Otsu method</li> </ul>	<ul style="list-style-type: none"> <li>■ Geometrical parameters</li> <li>■ Flow parameters</li> <li>■ Electrical parameters</li> <li>■ Mechanical parameters</li> <li>■ NMR in preparation</li> </ul>

## BENEFITS OF USING GEODICT

- Easy to use software
- Unmatched capabilities to handle large datasets in combination with short computational times
- Automate DRP workflows
- Run DRP simulations in-house



**THANK YOU FOR YOUR ATTENTION**




Please come to our booth for more information about GeoDict®


**Dr. Jens-Oliver Schwarz**

Senior Applications Specialist

Booth #2

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