



Spring School >>>Imaging Particles

April 4 - 8 2016, Erlangen Germany

»»» Imaging Particles

Mark Shattuck,	New York City College
Joshua Dijksman,	Wageningen
Karen Daniels,	NC State University
Andreas Wierschem,	FAU Erlangen
Randolf Hanke,	Fraunhofer Fürth
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Finding and tracking particles

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LASER sheets and index matching

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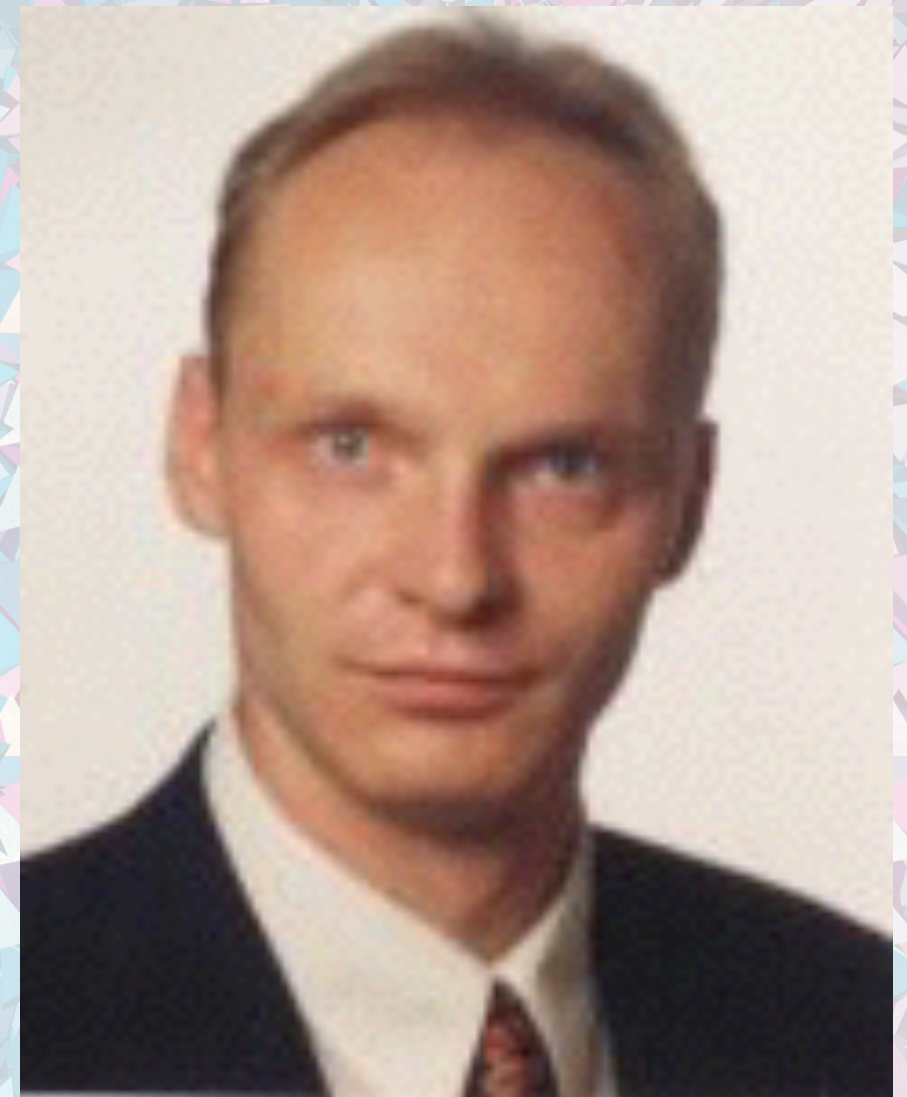
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Contact forces in 2d
(and 3d)

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PIV and PTV

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History of X-ray

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X-ray tomography

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Transmission Electron
Microscopy

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X-ray tomography
(advanced techniques)

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Emerging techniques
RADAR

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Emerging techniques
Rigidochromic contact force
measurement → RCF

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Terahertz scattering

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Speckle methods

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Positron emission
particle tracking

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Magnetic resonance imaging

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Monday: poster session

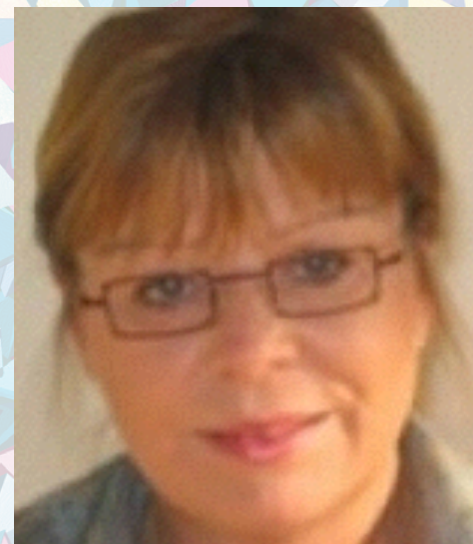
Tuesday: conference dinner with evening talk

Wednesday: afternoon session (bus tour)
- at FAU Erlangen - south campus - TEM
- Fraunhofer Fürth - tomography

Problems:



Roland Haberkorn
(technician)



Ute Hespelein
(secretary)



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