



Physikalisches Kolloquium
Einladung

Physics Colloquium
Invitation

Monday, 11 January 2021

Format: Online via Webex, at 16:15

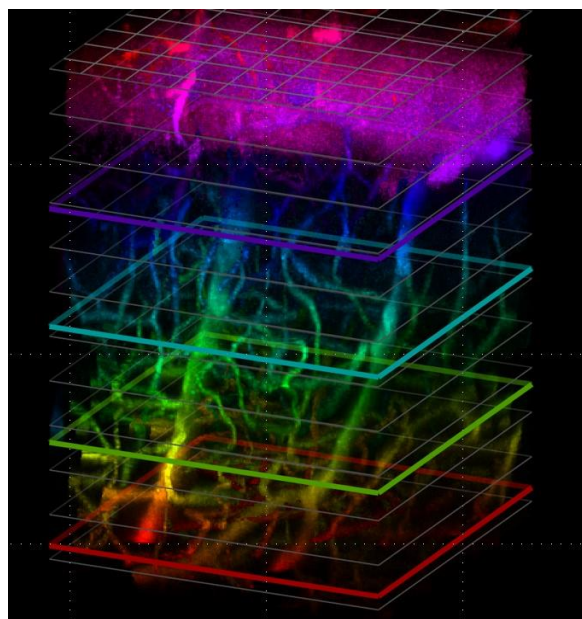
Strategies for volumetric microscopy in thick tissue

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High resolution volumetric imaging is difficult to perform at high speeds. I will discuss three techniques to address this challenge. The first is designed for high speeds and is based on multifocus widefield microscopy with a camera. The second is designed for large fields of view and is based on distributed-pinhole confocal microscopy. The third is designed for depth penetration in thick tissue and is based on the use of a reverberation cavity in a multiphoton microscope.



Host: Prof. Dr. Othmar Marti, Institute of Experimental Physics

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