

Institute of Applied Research

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Letter of Support for the fairSIM project

Dear Sir or Madam,

To whom it may concern

it is my pleasure to write this letter of support for the fairSIM project of Dr. Marcel Müller.

We have been working for many years in the field of development and application of modern methods of Optical Microscopy in the Life Sciences, e.g. confocal, light sheet, TIRFM, axial tomography, Spectral Imaging and Fluorescence Lifetime Imaging Microscopy (FLIM). In 2016 we established Structured Illumination Microscopy (SIM), and our present research is concentrated on a combination of this super-resolution method with other established methods, e.g. Light Sheet Microscopy or Axial Tomography, as well as on novel techniques of "Deep View Microscopy" of 3D tissue samples.

FairSIM as a plugin module of the open source software ImageJ helped us a lot to establish and to use SIM within a short period of time. We are now very interested in further development of this software in view of increasing numbers of data, more rapid calculations in future realtime experiments and more complex applications, e.g. combination of SIM and axial tomography. In addition, application of the FairSIM user platform will help us to communicate and exchange data with our scientific partners. For all these reasons I support further development of FairSIM by Dr. Marcel Müller.

Sincerely

Prof. Dr. Herbert Schneckenburger

Aalen University

Thereas C. h

Germany

Hochschule Aalen

- Technik und Wirtschaft -Aalen University