

LOCATION

Campus Golm



Universität Potsdam
OT Golm
Karl-Liebnecht-Straße 24 - 25
14476 Potsdam
House 25 | 1st floor | room F.I.01

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From molecules to galaxies

10 years of optical fibre spectroscopy
and sensing at innoFSPEC Potsdam

innoFSPEC Research and Innovation Forum
5 June, 2018 | Potsdam-Golm
house 25 | 1st floor | room F.I.01



BMBF grant nos. 03Z22AN11, 03Z22AN12, 03Z22A511, 03Z22AB1A, 03Z22AB1B



1 :00 Arrival and coffee

1 :1 Welcome notes

innoFSPEC

BMBF

MWFK

Universität Potsdam

Prof. Dr. H.-G. Löhmannsröben

Prof. Dr. M.M. Roth

MinR H.-P. Hiepe

MinDirig C. Feller

Prof. Dr. R. Seckler

1 : Keynote talk

Gas, glass & light: A quarter century of photonic crystal fibres

Prof. Dr. P. Russell (MPI for the Science of Light, Erlangen / FAU, Erlangen)

1 : innoFSPEC goes Physics, Chemistry & Biology

15:30 PHYSICS

Mapping diffuse gas around galaxies with QSO absorption spectroscopy
Aperiodic fibre filters for astronomy

Prof. Dr. P. Richter (UP)

Dr. K. Madhav (innoFSPEC)

1 : Coffee break

1 :25 CHEMISTRY

Bioinspired calcium phosphate mineralization - from surfaces to 3D architectures
Kinetics of nanoparticle nucleation and growth

Prof. Dr. A. Taubert (UP)

Dr. O. Reich (innoFSPEC)

1 :00 BIOLOGY

Orthogonal, light-inducible protein expression platform in yeast *saccharomyces cerevisiae*
Microalgae growth in photobioreactors

Dr. K. Messerschmidt (UP)

Dr. L. Bressel (innoFSPEC)

1 : Closing remarks

Prof. Dr. H.-G. Löhmannsröben

Prof. Dr. M.M. Roth

1 : Reception, posters and get-together