



BELVIR Workshop

Single-Molecule Fluorescence Microscopy meets Virology

June 16, 2016 - University of Leuven



BELVIR Workshop on Single-Molecule Fluorescence Microscopy meets Virology

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Venue

Chem&Tech Curie 00.118
Department of Chemistry
Celestijnenlaan 200F, B-3001 Heverlee

Program

9h00-9h30 Registration + *coffee*

9h30-9h45 Welcome and general introduction
Zeger Debyser

9h45-12h00 Theoretical lectures

9h45-10h45 Primer on fluorescence microscopy
Jelle Hendrix

10h45-11h00 *Coffee break*

11h00-12h00 Single-molecule, fluctuation and super-resolution fluorescence microscopy
Jelle Hendrix

12h00-13h00 **LUNCH**

13h00-15h00 Application talks

13h00-13h20 Probing Oligomerization of the Integrase Enzyme
Doortje Borrenberghs

13h20-13h40 Orchestration of HIV nuclear entry
Lieve Dirix

13h40-14h00 Nuclear retention of MLV
Doortje Borrenberghs

14h00-14h20 Labeling viral DNA
Flore De Wit

14h20-14h40 Tetherin - HIV-1 interaction
Susana Rocha

14h40-15h00 Revealing cytosolic Gag oligomers
Jelle Hendrix

15h00-15h30 *Coffee break*



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15h30-17h30 Hands-on experiments

15h30-16h30

Session 1 TIRF-FRET

Session 2 Confocal microscopy

16h30-17h30

Session 3 Single particle tracking

Session 4 Raster image correlation spectroscopy

17h30 reception