

Course MICRO-718: Theoretical Microfluidics

May 10 to 12, 2021

Prof. M. Gijs & Dr. T. Lehnert, LMIS2

All sessions online via Zoom

Monday, May 10, 2021

10h15 – 12h	Governing equations and flow solutions	Dr. T. Lehnert
14h15 – 16h	Microfluidic channels and circuits	Dr. T. Lehnert

Tuesday, May 11, 2021

10h15 – 12h	Diffusion and mixing in microscale	Dr. T. Lehnert
14h15 – 17h	Electrohydrodynamics, electroosmosis, nanofluidics	Prof. M. Gijs

Wednesday, May 12, 2021

10h15 – 12h	Capillary effects and microdroplets	Dr. T. Lehnert
14h15 – 17h	Dielectrophoresis and magnetophoresis	Prof. M. Gijs