

Fellow 7: Solution-processing multilayer OLED devices with designed optical management

The PhD student will investigate the fabrication process of multilayer OLEDs. This will include the study of the solidification of OLED materials, gaining detailed knowledge of relevant thermodynamic and kinetic factors, the characterization of interfaces, and the design of light management structures. The latter may include some materials synthesis. Hence, the student will be exposed to materials chemistry processing and characterization, optics and device engineering, working in a highly interdisciplinary team of chemists, materials scientists and physicists.

Requirements: M.Sc. (or equivalent) in Materials Sciences or Chemistry. A strong background in materials processing and characterization is required, skills in organic/polymer synthesis are welcome. Provide detailed curriculum and ranking for the last grade (M.Sc. or equivalent). An average grade of at least 12/20 (or equivalent) is required. English proficiency as communication and teaching language is highly recommended.

Start date (planned): 01. Oct. 2022 – 28. Feb. 2023

Application deadline: 30 June 2022

Monthly Salary: 3957€ + 600€ Mobility allowance + 495€ Family allowance.

Contact

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