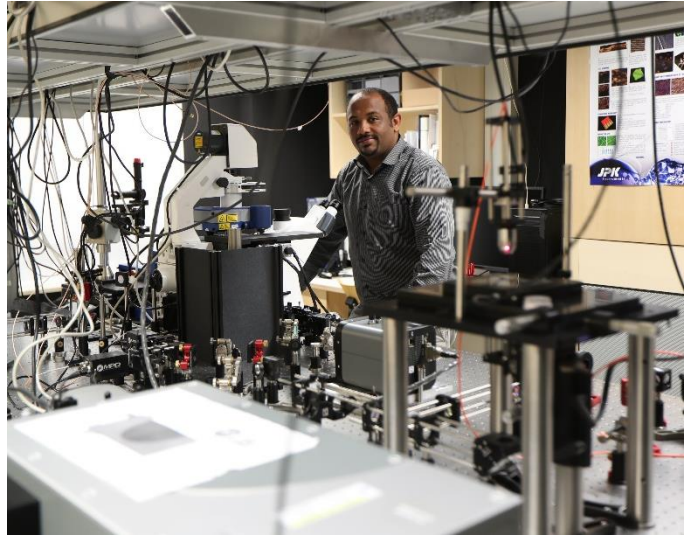


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Short biography

Assegid M. Flatae studied physics at Addis Ababa University. In 2011 he started the joint doctorate program at Karlsruhe Institute of Technology (Karlsruhe, Germany) and the European Laboratory for Non-linear Spectroscopy (LENS) at the University of Florence (Florence, Italy) in the research group of Prof. Dr. Heinz Kalt and Prof. Dr. Diederik Wiersma, respectively. During this time, he was working on the fabrication and optical characterization of quantum dot and organic dye micro-lasers on a silicon chip. He graduated in December 2014 with a dissertation entitled “Active Polymeric Whispering Gallery Mode Resonators”. In 2015, he joined the Laboratory of Nano-Optics, the research group of Prof. Dr. Mario Agio at the University of Siegen (Siegen, Germany) as a postdoctoral researcher and later in 2020 as a senior scientist. His current research mainly focuses on developing experimental approaches in quantum nano-optics and advanced spectroscopy for the generation and detection of ultrafast bright single-photon sources from color centers in diamond and other solid-state quantum emitters.