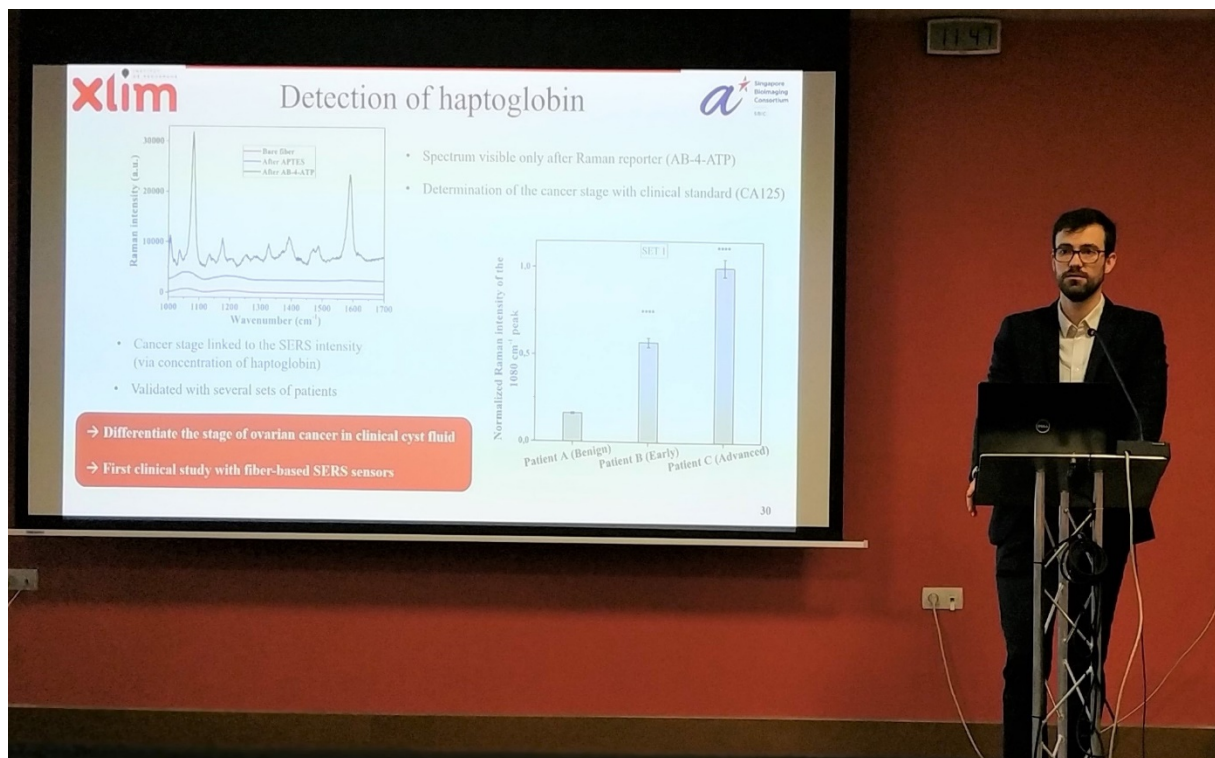


## Flavien Beffara successfully defended the first SBIC-XLIM PhD thesis

Congratulations to Flavien Beffara for successfully defending his Ph.D. thesis on “SERS-active specialty optical fiber biosensor for medical diagnosis”.

Within this first joint-PhD SBIC-XLIM, Flavien has spent half of his time in Limoges and Singapore for developing novel SERS active probes based on specialty optical fibers, demonstrating outstanding sensitivity and reliability in SERS measurements and enabling differentiation of the stage of ovarian cancer in clinical cyst fluids. His work paves the way to the development of clinically viable next-generation sensitive biopsy needle sensing probe.

Flavien has been graduated doctor of the University of Limoges in Sciences and engineering sciences, monday 11 Jan. 2021, with congratulations from the jury!



Warmest thanks to CNRS, A\*STAR ARAP program and Limoges University for funding this PhD work, and of the international jury for evaluating Flavien’s PhD!

President: - Dr. Philippe Roy (CNRS director), XLIM Research Institute, Limoges, France.

Reviewers: - Prof. Marc Lamy de la Chapelle, University of Le Mans, France.  
- Prof. Géraud Bouwmans, University of Lille, France.

Examiners: - Prof. Stefan Andersson-Engels, Tyndall National Institute, Cork, Ireland.  
- Prof. Fabrice Lalloué, University of Limoges, France.

Supervisors: - Prof. Malini Olivo, Singapore Biomed Imaging Consortium A\*STAR, Singapore  
- Dr. Dinish U.S., Singapore Biomed Imaging Consortium A\*STAR, Singapore  
- Dr. Georges Humbert, XLIM Research Institute, Limoges, France  
- Dr. Jean-Louis Auguste, XLIM Research Institute, Limoges, France  
- Dr. Sylvain Vedraïne, XLIM Research Institute, Limoges, France