

# 3D Micromanufacturing

## and Active Materials

tuesday

06 th October, 2020

9h10	Coffee
9h30	Welcome : Laurent Larger, FEMTO-ST Workshop introduction : Michaël Gauthier Co-responsible of Collegium SMYLE
09h40 –10h20	<b>Printing-based additive manufacturing of multifunctional systems: Materials, Processes, and Devices</b> Vivek Subramanian, EPFL
10h20 –11h00	<b>Advanced Materials for 3D micro- and nanoprinting</b> Eva Blasco, KIT , Germany (on line conference)
11h00	Coffee
11h20 –12h00	<b>Heterogeneous integration of lead-free piezoelectric materials for vibrational energy harvesting</b> Ausrine Bartasyte, FEMTO-ST
12h00	<i>Lunch is cancelled due to sanitary conditions</i>
13h45	Coffee
14h00- 14h40	<b>On the use of femtosecond laser for tuning materials properties, from optical to thermomechanical properties</b> Yves Bellouard, EPFL
14h40 –15h20	<b>Gray tone lithography for thermal, optical and mechanical materials</b> Muamer Kadic FEMTO-ST
15h20	Coffee
15h40 –16h20	<b>Elastomer-Based Actuators for Haptics and Soft Robotics</b> Herbert Shea, EPFL

FEMTO-ST

Amphi JJ Gagnepain

(limited acces) &

videoconference

Besançon (France)

