

# Oscillators

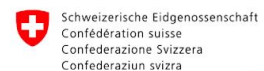
thursday

11th October, 2018



9h30	Coffee
10h00	<b>Welcome:</b> Christian Enz, IMT EPFL Workshop introduction : Christophe Gorecki Co-responsible of Collegium SMYLE
10h15 – 10h50	<b>Ultra Low-power MEMS-based Radios for the IoT</b> Christian Enz, EPFL, <a href="https://iclab.epfl.ch">https://iclab.epfl.ch</a>
10h50 – 11h25	<b>Quartz crystal oscillators for aeronautic application</b> Bruno François, AR Electronique, <a href="http://www.ar-e.com">http://www.ar-e.com</a>
11h25 – 12h00	<b>Non Linear delay oscillators</b> Laurent Larger FEMTO-ST, <a href="http://www.femto-st.fr">www.femto-st.fr</a>
12h00	Lunch
13h30 – 14h45	<b>Short oral presentations and poster session</b>
14h45- 15h20	<b>Astronomical oscillators</b> François Vernotte, Laboratoire UTINAM, <a href="http://www.utinam.cnrs.fr">www.utinam.cnrs.fr</a>
15h20 – 15h55	<b>Oscillations du climat depuis 2.6 millions d'années : analyse du passé pour anticiper le futur</b> Michel Magny, Laboratoire de Chrono-Environnement, <a href="https://chrono-environnement.univ-fcomte.fr">https://chrono-environnement.univ-fcomte.fr</a>
15h55 – 16h30	<b>Oscillators that measure the Earth</b> Ilan Vardi, EPFL, <a href="https://instantlab.epfl.ch/">https://instantlab.epfl.ch/</a>
17h00-18h30	Entertainment/Visit
19h00-21h30	Dinner

EPFL Microcity, Auditoire  
Neuchâtel (Suisse)



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friday

12th October, 2018



8h45	Coffee and welcome
9h00 – 9h35	<b>Phénomène oscillatoire de l'interaction laser-matière</b> Yves Bellouard, EPFL, <a href="https://galatea.epfl.ch/">https://galatea.epfl.ch/</a>
9h35 – 10h10	<b>The Bose-Einstein condensate: a macroscopic quantum oscillator</b> Alice Sinatra, ENS. LKB, <a href="http://www.phys.ens.fr">www.phys.ens.fr</a>
10h10 – 10h40	Coffee break
10h40 – 11h25	<b>Trapped Ion Clock on a Chip</b> Clément Lacroûte, FEMTO-ST, <a href="http://www.femto-st.fr">www.femto-st.fr</a>
11h25 – 12h00	<b>Mechanical oscillators in the quantum regime</b> Samuel Deleglise, UPCM. LKB, <a href="http://www.lkb.upmc.fr">www.lkb.upmc.fr</a>
12h00	Lunch
13h30 – 14h15	Short oral presentations and poster session
14h15 – 14h50	<b>Micro- and Nanostructuring of Single Crystal Diamond for Photonic Applications</b> Niels Quack, EPFL GR-QUA, <a href="https://q-lab.epfl.ch/">https://q-lab.epfl.ch/</a>
14h50 – 15h25	<b>How chaotic dynamics drive a vintage grill-room spite</b> Julio Rodriguez, Swissgrid, <a href="http://www.swissgrid.ch">www.swissgrid.ch</a>
15h25 – 16h00	Drinks and end

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