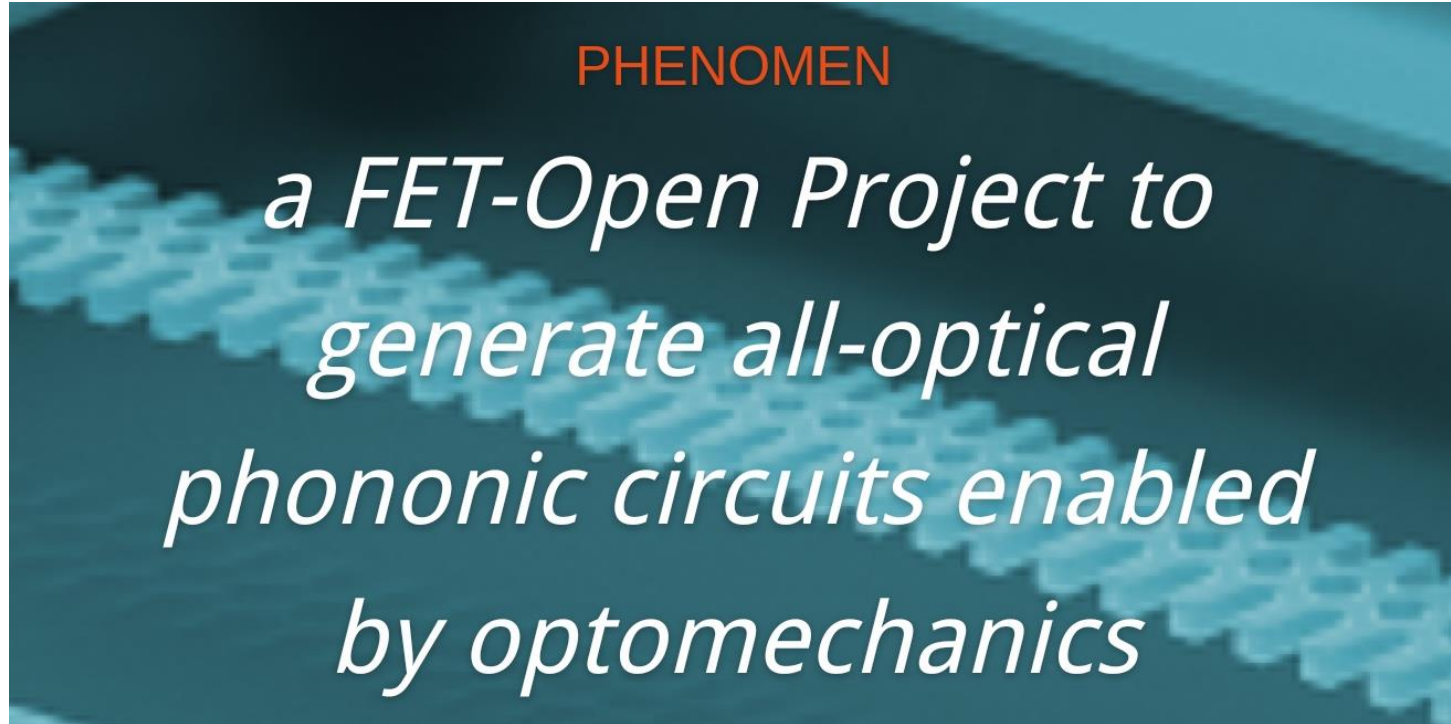




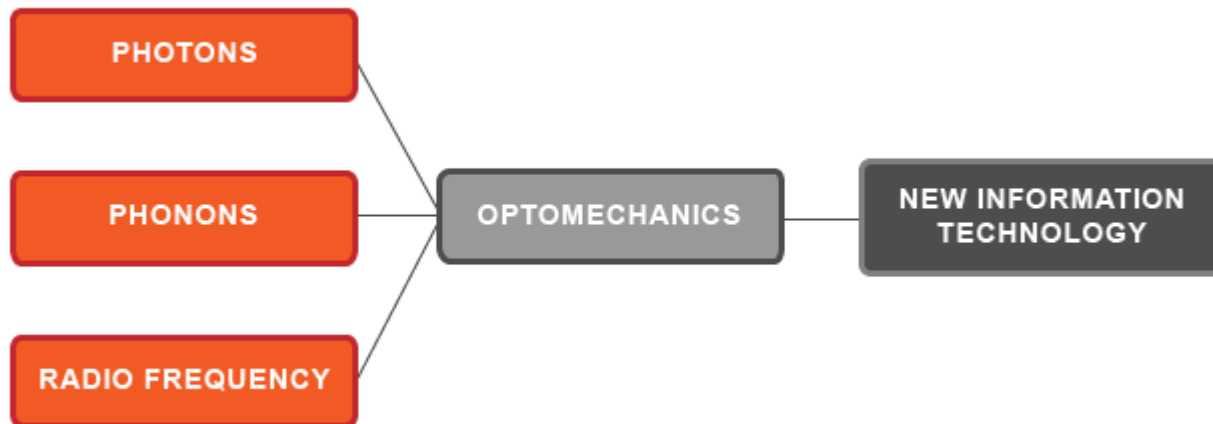
Projet - PHENOMEN



Patrick Emery -  **menapic**
Test of Thin Film Adhesion

Objectif du projet

- PHENOMEN is a ground breaking initiative designed to harness the potential of combined phononics, photonics and radio-frequency (RF) electronic signals to **lay the foundations of a new information technology**. To this end, PHENOMEN will exploit cavity opto-mechanics to prove the concept of GHz- frequency phononic circuits in a silicon chip working at room temperature and consuming low power.





Menapic dans le projet

- WP1 – Modelling & Theory
- WP2 – Components
Menapic contributes to characterization, develops and designs original phonons sources
- WP3 – Integration and Validation
- WP4 – Management & Dissemination

SME + Interdisciplinary + Long-term vision



Projet soumis plusieurs fois...

- Le projet est dans la continuité d'un précédent projet FET open (TAILPHOX)
- Le projet a été soumis 3 fois
- Menapic a intégré le consortium avant la 3ème soumission



Find support

- <http://eenscotland.podbean.com/e/horizon-2020-hacks-part-one/>
 - Long-term vision
 - Breakthrough technological target
 - Interdisciplinary
- You can find knowledge on the internet,
+ NCPs are also here to challenge you