

**Subject: Joint webinar Division de Chimie du Solide – SCF / Division of Solid State and Materials Chemistry – EuChemS Time: Thursday 13th June 2024
01:30 PM Paris-time**

Link Zoom Meeting: <https://univ-nantes-fr.zoom.us/j/86398960606?pwd=gaemvJVkNa8agdrgo8xcH6QawMM2tz.1>

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Code secret: 854750



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Multiple Anions Driven Structure and Properties Design

Multiple experimental and numerical approaches are nowadays available to target materials with specific properties and applications. In recent years, mixed anion Chemistry appeared as a valuable and efficient strategy to control and/or exacerbate numerous properties such as visible light photocatalysis, magnetism, non-linear optical properties, superconductors, thermoelectricity, *etc.* Here, we will present original inorganic phases discovered based on mixed anion Chemistry by combining experience and *ab initio* modeling with the aim to tune the symmetry and engineer the band gap.