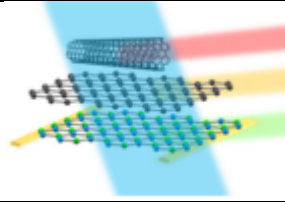


Title of the Event	Summer School on Low Dimensional Systems 2019: Transmission Electron Microscopy and Electronic Transport		
Nature	Summer school		
Language	English	Nb of attendees	30
Location	CEMES/INSA / Toulouse / France		
Porteur(s) <i>avec courriel</i>	PUECH Pascal pascal.puech@cemes.fr		
NEXT Laboratory(ies) involved	CEMES, LPCNO, LNCMI		
Dates	17th-21st June 2019		
URL link	https://lowdimentschoolt1s.sciencesconf.org		

Event scope and topics

Nowadays, the fast acquisition of skills and know-how is essential. To start a project, answer questions, or consider new experiments, it is necessary to know how to prepare samples, do measurements, and understand results.

A Summer School on Low Dimensional Systems will be organized by 2 groups (L2C in Montpellier and NEXT/CEMES&INSA in Toulouse) from the 17th to 28th of June 2019. This school aims to provide the theoretical and methodological basis of Raman and Photoluminescence spectroscopies (from 24 to 28 of June at L2C, Montpellier), Transport and Transmission Electron Microscopy (from 17 to 21 of June at CEMES, Toulouse). Oral presentations will address fundamental lectures on the physical processes, more applied lessons displaying examples illustrated by practicals.

Both schools have independent management. The opportunity will be given to attend only one week of school (either in Montpellier or Toulouse).

The purpose of the Toulouse School is to provide theoretical and practical knowledge in the field of low dimensionality materials by focusing on two techniques, transmission electron microscopy and electronic transport.

The specificity of this training is to combine theoretical courses and practical work. The three afternoons devoted to the practical work will allow to explore the know-how. This session will be able to welcome a maximum of 25-30 people (researchers, engineers and doctoral students ...).

This school is aimed at beginners in this field or those who wish to deepen their knowledge in a new discipline.