

## GREMAN UMR 7347 University of Tours - CNRS - INSA

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### Materials, components & systems for energy efficiency: from nano to macro.

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GREMAN, research group on materials, microelectronics, acoustics & nanotechnology, is a joint research laboratory of **Tours university** and **CNRS** in partnership with the **French alternative energies and atomic energy commission (CEA)** and **INSA Centre Val de Loire**.

The laboratory was created by a merge of three research groups : **Advanced Materials Electrodynamical laboratory (LEMA)**, **Powerful Microelectronic laboratory(LMP)**, **Ultrasound Characterisation, Piezoelectricity and Transducers** teams (formerly LUSSI).



### PhD offers

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- [Resonant microsystems to detect hydrogen \[PDF - 462Ko\]](#)
- [Study and realization of innovative porous silicon based TRIAC peripheries \[PDF - 180Ko\]](#)

### Post-doctoral offers

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- [Production and characterization of lead-free piezoelectric devices for energy harvesting \[PDF - 207Ko\]](#)

### Traineeship offers


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No offer available

### News

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- [Inscription conférence IMAPS - Power 2017](#) October 11, 2017 - October 13, 2017
-  [Un doctorant du GREMAN récompensé au colloque JCGE 2017](#) May 30, 2017 - June 1, 2017

 [Français](#)

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## Press review



- [Microscope électronique IUT Blois - GREMAN - NR 11/2016 Download file](#)



- [CERTeM - Tours Mag Q1-2015 Download file](#)