

## 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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- [Study and realization of innovative porous silicon based TRIAC peripheries \[PDF - 180Ko\]](#)

### Post-doctoral offers

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No offer available

### Traineeship offers

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- [Study of the viscosity and / or phase change from the reverberation of acoustic waves \[PDF - 219Ko\]](#)
- [Study of impedance measurement of the electrical equipment \[PDF - 119Ko\]](#)
- [Development of a PLC emulator for smart grid \[PDF - 28Ko\]](#)

### News

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- [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



- [Collaboration GREMAN / VERMON - Touraine ECO 10/17 Download file](#)



- [Projet ECCO - Touraine ECO 10/17 Download file](#)