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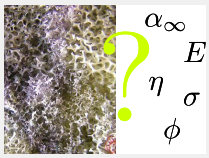
Award 2011 Gold Decibel Research



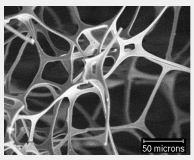

Characterization

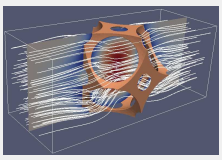
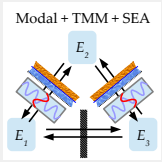
We characterize the intrinsic acoustic and elastic parameters of porous materials. We also characterize intrinsically the sound sources.



Prescription

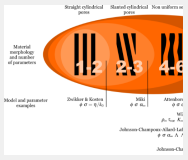
At the interface between suppliers and customers, we prescribe noise control solutions and assist you to meet multi-functional specifications.



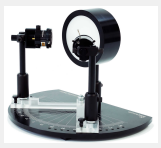
Research

We lead R&D projects in materials, acoustics, mechanics, thermodynamics piping and flow.




Training

We provide training sessions and design specific tools to disseminate your expertise : porous materials, perforated plates, micro-macro approaches, building acoustics, automotive acoustics...



Products

We provide turnkey test rigs for porous material characterization and for acoustic & vibration measurements.

Software

We develop original software products. As we are first users and developers, we offer a responsive and skilled support.

- *multi-layer prediction*
- *Micro-Macro models*
- *porous, screens & liners charac*
- *material database*
- *impedance tube meas*
- *ISO 10140 & ISO 354 meas*
- *piping meas & analysis*

MATELYS
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