



Who we are

MateriAcusticA s.r.l. was founded in November 2004 in Ferrara. The Spin off company is a result of the skills developed in the field of Acoustics and Vibrations within the Engineering Department of the University of Ferrara and it has the task of linking the University and the industrial sector, becoming a partner for companies for applied research, consulting and training activities. The company is made up by three partners, who are connected to the Engineering Department of the University of Ferrara as well as to the University in itself.



Our skills

Our company is the result of the experience in the field of Acoustics and Vibrations gained in the Engineering Department of the University of Ferrara, thanks to the skills of graduates in Civil Engineering, Mechanical Engineering and Physics.

Our activities

- Developing innovative analysis and measurement methods in the field of Acoustics and Vibrations
- Design, prototype-making and commercialization of measurement equipment
- Research applied to the development of vibroacoustic materials and devices
- Assistance and consulting services for problems connected to Acoustics and Vibrations in the field of environmental and industrial noise control, design in the mechanical, civil and architectural sector
- Training and didactics in Acoustics and Vibrations



Our services

- Environmental acoustics: environmental evaluations, studies of acoustic impact, noise reduction strategies
- Building acoustics: acoustic designing of buildings, design of multiplex cinemas, acoustic tests and evolutions
- Architectural acoustics: improvement of halls, design through scale models and computer, design and measurement of specific equipment, design of acoustic devices
- Appliances noise control: characterization and soundproofing of appliances, noise reduction of household appliances, product certifications
- Acoustic properties of the materials and measurement methods: acoustic, mechanic and physical characterization of materials, study of the acoustic properties of materials, product certification, development and optimization of materials with high acoustic performance, creation of models of the acoustic behaviour of materials and software creation



Technology and Equipment

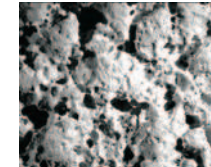
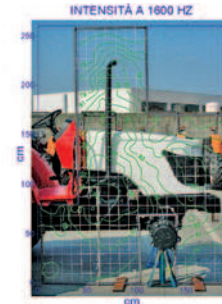
- Tool by means of the measurement of airflow resistance of the materials under alternate flow (product sold by the company SCS of Padua)
- Equipment by means of measuring the acoustic absorption coefficient with innovative technique for the reverberation time (product sold by the company SCS of Padua)
- Tool by means of the measurement of the transmission loss and of the acoustic characteristics of porous materials (product sold by the company SCS of Padua)
- Tool by means of porosity and tortuosity measurement of porous materials
- Software development by means of model creation of the acoustic properties of porous materials

Our clients

Saeco International, Bologna
Faros, Ferrara
Scs Controlli e Sistemi, Padua
GFC Chimica, Ferrara
Suono Vivo, Padua
Studio Amati, Rome

CARRARO spa Div. AGRITALIA, Rovigo
CIR COSTRUZIONI, Ferrara
Impresa Bertoncelli, Ferrara
SITA, Bologna
ROCKWOOL ITALIA, Milan
Italia Zuccheri, Bologna

CORILA (Consortium for coordination
of research activities concerning the
Venice Lagoon system), Venice



Patrizio Fausti
Tel. +39 0532 974852
patrizio.fausti@unife.it

Francesco Pompoli
Tel. +39 0532 974862
francesco.pompoli@unife.it

Nicola Prodi
Tel. +39 0532 974861
nicola.prodi@unife.it

MateriAcustica s.r.l. - University of Ferrara - Polo Scientifico-Tecnologico - via Saragat, 1 - 44100 Ferrara