

# René Čechmánek

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**Position:** Head of the department Technological Processes

**Contacts details:**

**Telephon:** + 420543529260

**Fax:** + 420543216029

**e-mail:** [cechmanek@vustah.cz](mailto:cechmanek@vustah.cz)

**Adress:** Research Institute of Building Materials, JSC  
Hněvkovského 30/65, 61700 Brno  
Czech Republic

**Qualifications:**

1995-2000, Faculty of Civil Engineering of the Brno University of Technology, thesis „Utilization of energogypsum for preparation of mixed anhydrite binders“

2000, Research worker at the Research Institute of Building Materials in Brno

2006, Head of the department of Technological processes

**Experience**

2000-2002 Centre of non-metallic fibre application to building materials and other products

2002–2004 New cement composites for building components and constructions fulfilling special technical and ecological requirements

2004-2010 Research of ecological treatment of industrial waste materials

2006-2009 Ferrocement elements and constructions

2006-2010 Multifunctional composites of extraordinary properties on a base of inorganic nano-components

Since 2006 Integrated research centre of inorganic composites

**Technical or scientific areas of interest**

Within the last 9 years co-investigator of 15 research projects in the field of development of elements on the basis of fine-grained cement composites reinforced by the means of dispersive fibres of non-metalic type with the aim to achieve new types of building materials with high ductility, flexural and impact strength and durability for specific applications.