

**Position: Senior researcher, Asahi Kasei Construction Materials Corporation**



**Contacts details:**

**Telephone:** + 81-280-87-5247

**Fax:** + 81-280-87-5249

**e-mail:** matsui.kj@om.asahi-kasei.co.jp

**Address:** 106, Someya Sakaimachi, Sashimagun, Ibaraki, 306-0493 Japan.

**Qualifications:**

2011, PhD, Tokyo Institute of Technology.

1984, M.Eng, Tokyo Institute of Technology.

**Experience**

- Since 2003 Senior Researcher, Asahi Kasei Construction Materials Corporation.  
Research and development of autoclaved aerated concrete.
- 1995–2003 Chief researcher, Central Laboratory, Asahi Kasei Corporation.  
Research and development of cement-based construction materials.
- 1984-1995 Researcher, Asahi Kasei Group Company.  
Research and development of refractories for steel making.

**Technical or scientific areas of interest**

Cement chemistry.  
Mechanism of tobermorite formation under hydrothermal reaction.  
Process technology of autoclaved aerated concrete.  
Mechanism of drying shrinkage of cement-based materials.  
Synthesis of porous materials.  
High-performance thermal insulation materials.