

Curriculum Vitae

- Name** Prof. Dr. Mehmet Suat Somer
- 1968–1974** MS in Chemistry at the Technical University of Clausthal, Germany.
Diploma: 1974
Diploma thesis: "Raman Spectra of SnBr₂ and SnBr₂–CsBr mixtures"
- 1979** **PhD** in Inorganic Chemistry Dep. of the Techn. University of Clausthal
Thesis: "Vibrational Spectroscopical Investigations on cage-like P–As–S, P–As–Se compounds and metal phosphides"
- 1983** Start of a new research area „**Solid State Chemistry**“ with the main focus being on: "Syntheses, Structure and Vibrational Spectra of Zintl Phases"
- 1994** **Habilitation** (Thesis) at the Techn. University of Clausthal
Thesis: "On Synthesis, Structure and Vibrational Spectra of ternary ZINTL Compounds with the Anions [MX₂]ⁿ⁻ and [MX₃]ⁿ⁻ with 16 and 24 Valence Electrons"
- 1988–1997** **Research** in the working group of Prof. Dr. H. G. v. Schnering at the Max-Planck-Institute Stuttgart, Solid State Physics and Chemistry Dep.
- since
- 1994** “**Privat Dozent**” (Assoc. Prof.) at the Technical University of Clausthal
- since
- 1998** **Assoc. Prof.** at Koç University-Istanbul
- 2004** **Promotion to Professor** at Koç University-Istanbul
- Areas of Interest:** **Synthesis and Characterization of:** Ternary boron nitrides, Nitrogen containing Ceramics and –precursors, Polar Intermetallic Compounds (Zintl Phases), Nanoscaled materials, Hydrogen Storage Materials, **Industrial Production of elemental Amorphous Boron and Metal Borides (MgB₂, TiB₂), Boron based Energetic Materials**
- Areas of Expertise:** Solid State Chemistry, Vibrational Spectroscopy, Production of Elemental Boron

**Number of: 201
Publications**

**Number of: 14
Funded Research
Projects**