Curriculum vitae Prof. Dr. Ir. (G.) Gertjan Koster

Prof. Dr. Ir. Gertjan Koster
Carre 3247
University of Twente, Enschede
g.koster at utwente.nl

(1995) *Master's* ('Doctoraal') University of Twente, Enschede, The Netherlands
Title Thesis: "*De geldigheid van verfijningsmodellen in de kristallografie" ("The validity of refinement models used in crystallography"),* advisor Prof. Dr. D. Feil
(1999) *Doctorate* University of Twente, Enschede, The Netherlands
Title Thesis: "*Artificially layered oxides by pulsed laser deposition*" advisor Prof. Dr. H. Rogalla
(2014-) *Associate Professor (Adj. hoogleraar),* Inorganic Materials Science, Faculty of Science and Technology, University of Twente.

Biography
In 1999 Prof. Dr. Ir. G. (Gertjan) Koster did his PhD on "Artificial layered complex oxides by pulsed laser deposition". In that same year, he moved to the US to join the Kapitulnik-Geballe-Beasley (KGB) group at the Geballe Laboratory for Advanced Materials, Stanford University. In 2007, he joined the Inorganic Materials Science group, MESA+ institute for nanotechnology, University of Twente, where since July 2014 he has been associate professor (adjunct hoogleraar). His research focuses on the structure-property relation of atomically engineered complex (nano)materials, especially thin film ceramic oxides. For the thin film synthesis, he developed the first time-resolved RHEED-system, operating at high pressures up to 100 Pa during pulsed laser deposition. Current research includes the growth and study of artificial materials, the physics of reduced scale (nanoscale) materials, metal-insulator transitions and in situ spectroscopic characterization.

Other experience:
(2014) *Visiting professor QMI,* UBC, Vancouver.
(2011-2014) *Associate professor (UHD),* Inorganic Materials Science, TNW, UT.
(2007-2011) *Assistant professor (UD),* Inorganic Materials Science, TNW, UT.
(2006-2007) *Lecturer and senior scientist,* Geballe Lab. for Adv. Materials, Stanford University
(2005-2007) *Lab director* Surface Science Laboratory, Stanford Nano-characterization Laboratory
(1999-2006) *Visiting scholar/Research associate,* Stanford University and UT.
(1999) *Post Doc,* Low Temperature Division, Dept. of Applied Physics, UT.

Activities:
- Member TeAcHER+, UT
- Member Stuurgroep CW/NWO
- COST-action 'TO-BE' WG-2 leader (Thin films); MC Netherlands
- Faculteitsraad TNW, University of Twente, Chair (2010-2015)

Scholarships and prizes:
(2001) NWO **TALENT** stipend, (Netherlands Organization for Scientific Research; equiv. to Rubicon)
(2002) **VENI** scholarship, Netherlands Organization for Scientific Research NWO-STW
(2012) Opleidings **Onderwijsprijs** Advanced Technology