



Eva Maria MOSER

Professeur HES, Surfaces Nano Structurées
Ecole d'ingénieurs de Genève
moser@incoat.ch / moser@eig.unige.ch

Date of birth: November 2nd 1954

Since 2001, Eva Maria Moser teaches nano technology and plasma enhanced chemical vapour deposition methods at the University of Applied Sciences of Geneva. She is head of the research group regarding the development of novel nanostructured surfaces. Prior to that, she was responsible for the founding of the research field 'plasma polymerised thin films' and leader of the research group 'Functional Films' at the Swiss Federal Institute of Materials Testing and Research, EMPA.

Her activities in the packaging field were accompanied by the membership in the executive board of the Swiss association in packaging, SVI. Some of her contributions were awarded, such as the best scientific poster presentation at the international conference in E-Salamanca in 1996 and the flexible diffusion barrier layer by the Swiss competition 'Technologiestandort Schweiz' at the Hanover fair 1998.

Eva Maria Moser studied chemistry at the universities of Zurich (Diploma) and Fribourg (PhD), followed by a postdoc (1988-1989) at the university of Cardiff in GB-Wales after the education for a medical laborant and the Matura type D.

The nano structured thin films protect the materials from diffusion, corrosion, degradation, delamination, anti-static effects, and/or contamination (photocatalytic activity). The deposition processes and coating systems follow the concept of 'sustainable material management' and the nano functionalized products gain advanced properties and resistivity due to tiny amounts of additives.