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Digital Media in Higher Chemistry Education

Digital media are getting more and more important in higher education, especially as the students of “generation 2.0” are beginning to enter universities and are expecting a teaching program which includes digital media and e-learning elements. In addition digital media can help to solve diversity problems in education. Based on examples from higher chemistry education the pros and cons of the use of digital media will be discussed.

CV

born 1969 in Frankfurt; Diploma in chemistry 1993 (Marburg university), Dr. rer. nat. 1996 (Marburg university, Prof. Dr. R.W. Hoffmann); Postdoc 1996-1997 (Tokyo-University, Prof. Dr. M. Shibasaki); Habilitation 1997-2003 (Münster University); 8/2003-3/2004 deputizing a C4-professorship (Münster University), 4/2004-2/2005 Hochschuldozent (Münster University), since 3/2005 W2-professor (Justus-Liebig University Gießen). Currently “Studiendekan” (dean for teaching).

Prizes and scholarships: 1990-1993 scholarship of the “Studienstiftung des Deutschen Volkes”, 1995-1996: “Liebig scholarship, FCI”, 1996-1997: postdoctoral scholarship “JSPS”, 1998-2000: habilitation scholarship, FCI, 2008 “Hessischer Hochschulpreis für Exzellenz in der Lehre” (hessian teaching prize) Hertie-Stiftung and HMWK, 2016: “ars-legendi Fakultätenpreis Chemie” (german chemistry teaching prize) Stifterverband and GDCh.