

H – Personální zabezpečení – přednášející / Teaching Staff – Lecturer							
Název VŠ / součásti / Name of school / faculty	Technical University of Liberec				Faculty of Mechatronics, Informatics and Interdisciplinary Studies		
Název SP / Name of study program	Electrical Engineering and Informatics / Engineering of Interactive Systems						
Jméno a příjmení / Lecturer (First name and last name)	Milan Kolář				Tituly / Titles	Ing. PhD.	
Rok narození / Year of birth	1963	typ vzt. / Type of employment	Full time	Rozsah / Range of employment	100%	do kdy / employed till	2013
Přednášky v předmětech / Lectures in subjects	Electronic Circuits and Components, Analog Electronics, Design of Hardware Components, Computer Architecture						
Údaje o oboru vzdělání na VŠ a o praxi od absolvování VŠ, vč. studia v doktorském SP / Education, titles received and previous employment							
Education and earned degrees: 1987 – Faculty of Electrical Engineering, Czech Technical University in Prag, degree Ing. 1992 – Faculty of Electrical Engineering, Czech Technical University in Prag, degree PhD. Career history: Since 1991 – senior lecturer, Technical University of Liberec From 1995 to 1998 – system engineer, NET system Liberec From 1987 to 1991 – aspirant, Department of Circuit Theory, Czech Technical University in Prag							
Přehled o publikační a další tvůrčí činnosti za posledních 5 let / A short list of the most relevant publications and R&D achievements within in the last 5 years							
[1] Pliva Z., Kolar, M., Dosek, P., Sluka T.; Piezoelectric elements and possibility their electronics driving by the use FPGA circuits; ECAPD'8, Metz, France, September 2006 [2] Richter, A. – Rydlo, P. – Pustka, M. – Kolar, M.: Pulse Driving of Piezoceramic Actuators and Their Present Technical Limitations. Ferroelectrics, Volume 320, 2005, p. 125-132. [3] Richter, A. – Pustka, M. – Rydlo, P. – Kolar, M.: The computation of traveling-wave velocity on the stator surface and excitation by PWM modulation with higher harmonic suppression. Ceramics International, Volume 30, Issue 7 , 2004, p. 1857-1861 [4] Richter, A. – Rydlo, P. – Pustka, M. – Kolar, M.: Pulse driving of piezoceramic actuators and their present technical limitations. In: ECAPD7, Liberec, September 2004. [5] Richter, A. – Rydlo, P. - Kolar, M.: Ultrasonic Piezoceramics Motor Drived by PWM Modulation with Higher Harmonic Suppression. In: ICMAT 2003 (International Conference on Materials for Advanced Technologies), 7. – 12. December 2003, Singapore							
Působení v zahraničí / Stays abroad	October 1999 – stay in AIME, INSA Toulouse, Université Paul Sabatier September 2005 – stay in Laboratoire d'Analyse et d'Architecture des Systemes (LAAS), Toulouse, Université Paul Sabatier						
Obor habilitačního nebo jmenovacího řízení nebo udělení vědecké hodnosti / PhD degree and habilitation - Research area	PhD in Microelectronics Research area: Design of custom integrated circuits				ohlasy publikací / number of SCI citations		
					3		
PhD degree and habilitation - year and institution	PhD. Czech Technical University in Prag, Faculty of Electrical Engineering, 1992				mezinár. / international	tuzem. / national	
Podpis přednášejícího / Lecturer signature						1	2
					Datum / date	15. 2. 2009	