

| H – Personální zabezpečení – přednášející / Teaching Staff – Lecturer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                             |                                                                                     |                                                                                                                            |                                    |                    |                                               |                      |
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| Název VŠ / součásti /<br>Name of school / faculty                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Paul Sabatier University (Toulouse 3) in Faculty of Physics, Chemistry and<br>Toulouse Automatics (UFR PCA) |                                                                                     |                                                                                                                            |                                    |                    |                                               |                      |
| Název SP / Name of study<br>program                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Electrical Engineering and Informatics /<br>Engineering of Interactive Systems                              |                                                                                     |                                                                                                                            |                                    |                    |                                               |                      |
| Jméno a příjmení /<br>Lecturer (First name and<br>last name)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Agnan de BONNEVAL                                                                                           |                                                                                     |                                                                                                                            |                                    | Tituly /<br>Titles | Doc. Dr.                                      |                      |
| Rok narození / Year of<br>birth                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 1963                                                                                                        | typ vzt. /<br>Type of<br>employment                                                 | Full<br>time                                                                                                               | Rozsah /<br>Range of<br>employment | 100%               | do kdy /<br>employed<br>till                  | Permane<br>nt        |
| Přednášky v předmětech / Lectures<br>in subjects                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | - Industrial computing - Real Time Control Systems<br>- Networks<br>- Dependable computing                  |                                                                                     |                                                                                                                            |                                    |                    |                                               |                      |
| Údaje o oboru vzdělání na VŠ a o praxi od absolvování VŠ, vč. studia v doktorském SP / Education, titles received<br>and previous employment                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                             |                                                                                     |                                                                                                                            |                                    |                    |                                               |                      |
| <b>Education and earned degrees:</b><br>1989: M.Sc. in Industrial computing and automatics, Paul Sabatier University (Toulouse 3),<br>1993: Ph.D. in Industrial computing, Paul Sabatier University (Toulouse 3)<br><b>Career history:</b><br>- 1989-1994: assistant professor, Paul Sabatier University (Toulouse 3), Electrical Engineering dpt.<br>- 1994-1999: associate professor (lecturer), University of Pau, Networks and Telecommunications dpt.<br>- since 1999: associate professor (lecturer), Paul Sabatier University (Toulouse 3), Electrical Engineering dpt.<br>Research Laboratory and group: Laboratory for Analysis and Architecture of Systems (LAAS-CNRS)<br>- 1989-1999: Production systems (SP, and latter OCSD)<br>- since 1999: Dependable Computing and Fault Tolerance (TSF) group                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                             |                                                                                     |                                                                                                                            |                                    |                    |                                               |                      |
| Přehled o publikační a další tvůrčí činnosti za posledních 5 let / A short list of the most relevant publications and<br>R&D achievements within in the last 5 years                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |                                                                                                             |                                                                                     |                                                                                                                            |                                    |                    |                                               |                      |
| [1] A. Youssef, A. de Bonneval, Y. Crouzet, J.-J. Aubert, P. Brot (2007), Detection of errors in data relating to the<br>actuation of a vehicle member, LAAS report 04735, revised May 2006. AIRBUS/CNRS Patent N° FR2878097,<br>(accepted on 12 Feb. 2007)<br>[2] A. Youssef, Y. Crouzet, A. de Bonneval, J. Arlat, J.J Aubert, P. Brot (2006), Communication integrity in networks<br>for critical control systems, 6th European Dependable Computing Conference (EDCC-6), Coimbra, Portugal,<br>october 18-20, 2006, pp 23-32, (IEEE CS Press)<br>[3] Anis Youssef, A. de Bonneval, Y. Crouzet (2005), Définition et évaluation d'un système de communication pour des<br>systèmes de commande intégrant des nappes de micro-systèmes, 3ème conférence internationale, Sciences<br>Electroniques, Technologies de l'Information et des Télécommunications", Sousse (Tunisie), 27-31 Mars 2005.<br>[4] J.H. Collet, A. de Bonneval, F. Caignet, T. Gayraud, F; Jimenez, R. Plana, C. Rossi (2004), Réflexion pour une<br>recherche sur les grands ensemble de microsystemes électromécaniques, Rapport LAAS n° 04617, Toulouse,<br>France, novembre 2004, 80p.<br>[5] A. Youssef, A. de Bonneval, Y. Crouzet (2003), Dependability of communications in critical real-time control<br>systems, 8th CaberNet Radicals Workshops, Ajaccio (France), 5-8 Octobre 2003. |                                                                                                             |                                                                                     |                                                                                                                            |                                    |                    |                                               |                      |
| Působení v zahraničí / Stays abroad                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                                                                                                             |                                                                                     |                                                                                                                            |                                    |                    |                                               |                      |
| Obor habilitačního nebo jmenovacího řízení nebo<br>udělení vědecké hodnosti /<br>PhD degree and habilitation - Research area                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                             |                                                                                     | PhD : control of discrete events<br>systems (Flexible manufacturing<br>systems), process failures,<br>recovery mechanisms. |                                    |                    | ohlasy publikací / number<br>of SCI citations |                      |
| PhD degree and habilitation -<br>year and institution                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                                                                             | PhD. Paul Sabatier University 1993                                                  |                                                                                                                            |                                    |                    | mezinár. /<br>international                   | tuzem. /<br>national |
| Podpis přednášejícího /<br>Lecturer signature                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                                             |  |                                                                                                                            |                                    | Datum /<br>date    | 2008, May 28                                  |                      |