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Daniela Marghitu was born in Craiova, Romania, European Community. She is a professor in the Computer Science and Software Engineering Department at Auburn University, where she has worked since 1996. Auburn University, which was chartered in 1856 and opened its doors in 1859 as a private liberal arts institution, is today a comprehensive land, sea, and space grant institution – among the few that hold that distinction – occupying more than 1,840 acres and helping fulfill the dreams of nearly 29,000 students. Auburn University has been consistently ranked among the best as a top 50 public university by U.S. News & World Report. Kiplinger's listed Auburn as one of the top "100 Best Values in Public Colleges" for 2016. Auburn University is included in The Princeton Review's "Best 381 Colleges," 2017 edition, is ranked in the top third of Forbes' 2016 list of America's best colleges, is ranked the top public university in Alabama and #53 nationally by The Business Journals in 2016

Dr. Daniela Marghitu received her B.S. degree in Automation and Computing from Polytechnic University of Bucharest, and her Ph.D. degree in Automation and Computing from University of Craiova, European Community. Her teaching experience includes a variety of Information Technology and Computing courses (e.g., Introduction to Computing for Engineers and Scientists, Network Programming with HTML and Java, Web Development, and Design Foundations with HTML 5.0, CSS3.0 and JavaScript, Personal Computer Applications, Spreadsheet-Based Applications with Visual BASIC, Web Application Development).

Her research areas include K12 Inclusive Computing Research and Outreach; Web Design and Development; Education and Assistive Technology; Software Engineering; Web and Software Usability and Accessibility.

Dr. Marghitu has participated in numerous administrative, research and educational activities at Auburn University. Among these activities are the following: Auburn University Board of Trustee Faculty Representative; Auburn University representative for National Center for Women in Information Technology; faculty representative Auburn University Core Curriculum Oversight committee and Multicultural Diversity Commission; Chair World Usability Day Web Site

Committee, Auburn University representative for AccessComputing, AccessCSforAll, and AccessEngineering Alliances (<http://www.washington.edu/doiit/programs>), founder Director Auburn University Laboratory for Education and Assistive Technology.

She is founder PI of Auburn University Computer Science For All (CS4ALL) K12 inclusive Computer Science international research and outreach project (<https://cs4all.eng.auburn.edu>); founder CO-PI NSF INCLUDES: South East Alliance for Persons with Disabilities in STEM, (<https://cws.auburn.edu/apspi/pm/includes>); founder CO-PI and technology coordinator for Alabama Alliance for Students with Disabilities in STEM (<https://cws.auburn.edu/apspi/pm/stem>); chair Auburn University Persons with Disabilities Committee;

Dr. Marghitu has received funding for research and education projects from National Science Foundation, National Center for Woman in Information Technology, Daniel F. Breeden Endowment for Faculty Enhancement, AccessComputing Alliance, Computer Science Collaboration Project, Microsoft Fuse Research, Altova Co., and Pearson Education Publishing Co.

She published seven Information Technology books at Pearson Publishing Co., articles at Transactions of the SDPS: Journal of Integrated Design and Process Science, User Experience Magazine, Journal of Computing Sciences in Colleges, International Journal for Virtual Reality, Journal of SMET Education and Research. She has published peer reviewed papers and gave presentations at numerous international conferences (e.g., ACM Special Interest Group on Computer Science Education Technical Symposium, International Technology and Persons with Disabilities Conference, International Academy Research and Industry Association, Association for Advancement of Computing in Education, International Society for Technology in Education, Society for Design and Process Science, and American Society for Engineering Education) in country such as USA, Germany, France, Spain, Portugal, and Romania.

Among Dr. Marghitu' s honors and awards are the following: 2011 AccessComputing Capacity Building Award, the 2012 Auburn University Access award, the 2012 Society for Design and Process Science Outstanding Achievement Award, the 2013 Microsoft Fuse Research award, and the 2015 DO-IT Trailblazer award. She has been a member of the congressionally mandated Committee on Equal Opportunities in Science and Engineering since 2015 (<https://www.nsf.gov/od/oia/activities/ceose/>).

As IARIA Fellow, she seeks to support the efforts of the organization in finding solutions for recruiting and retaining students in computing majors and careers, maximizing and accessibility of software and Web based applications (with a focus on educational applications). Therefore, she intends to promote the concept of k12 inclusive interdisciplinary research and outreach, to build international collaborative research teams on maximizing the accessibility of software and web applications toward improving the education, health, economy and the socio-environmental conditions of the world society.