

# Mateusz M. Dubiel

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✉ [mateusz.dubiel@uni.lu](mailto:mateusz.dubiel@uni.lu) — [in](#) — [Scholar](#)

INTERESTS	Human-Computer Interaction, Speech Synthesis, User-Centered Design	
CURRENT EMPLOYMENT	<b>Research Associate (Postdoctoral Researcher)</b> <i>University of Luxembourg, Esch-sur-Alzette, Luxembourg</i>	<b>Sep 2021- Present</b>
	<ul style="list-style-type: none"><li>• Conducting research in the field of human-centered conversational agents</li><li>• Preparing and delivering ‘Designing Interactive Systems’ MSc course</li><li>• Marking assignments and providing feedback for BSc ‘Web Development’ course</li><li>• Supervising Bachelor- and Master-level students</li></ul>	
RELEVANT EXPERIENCE	<b>Exchange Scholar</b> <i>Harvard University, Cambridge, MA, The USA</i>	<b>Sep 2022- Dec 2022</b>
	<ul style="list-style-type: none"><li>• Exploring role of speech as a support mechanism in sustaining focus</li><li>• Designing and deploying AI-supported decision making experiments</li><li>• Presenting at Interactive Information Systems group seminars</li></ul>	
	<b>Visiting Junior Research Fellow</b> <i>Tokyo Institute of Technology, Tokyo, Japan</i>	<b>Nov 2019- Jan 2020</b>
	<ul style="list-style-type: none"><li>• Designing and conducting interactive speech perception experiments</li><li>• Analysing impact of different voice interfaces on user’s cognitive workload</li></ul>	
	<b>Lab Demonstrator: Big Data Fundamentals (CS989)</b> <i>The University of Strathclyde, Glasgow, The UK</i>	<b>2017-2020</b>
	<ul style="list-style-type: none"><li>• Assisting students during technical tutorials</li><li>• Clarifying concepts covered in lectures</li><li>• Marking student assignments, providing performance feedback</li></ul>	
	<b>Language Expert</b> <i>CereProc Ltd. Text to Speech, Edinburgh, The UK</i>	<b>2015-2018</b>
	<ul style="list-style-type: none"><li>• Providing input and guidance during the creation of Polish synthetic voice</li><li>• Reporting to engineering and research teams</li></ul>	
UNIVERSITY EDUCATION	<b>University of Strathclyde, PhD Human-Computer Interaction</b> Dissertation: ‘Exploring the Impact of Conversational Strategies on User Search Experience in Goal-Oriented Tasks in a Voice-Only Domain’	<b>2016-2021</b>
	<b>University of Edinburgh, MSc Speech &amp; Language Processing</b> Class: Merit Degree in Computer Science with emphasis on Natural Language Processing Dissertation: ‘Developing a Speech Recogniser for Massive Online Learning Courses’	<b>2014-2016</b>
	<b>University of Edinburgh, MSc Translation Studies</b> Class: Distinction Completed a wide range of courses in applied linguistics and audio-visual translation	<b>2009-2011</b>

	<p><b>Napier University, BA Cultural Studies with Languages</b> <b>2008-2009</b>  Class: 2.1 (Advanced Entry)  Interdisciplinary degree in linguistics, psychology, sociology, English and Spanish</p> <p><b>University of Bielsko-Biala, BA English Philology</b> <b>2005-2008</b>  Overall Final Grade: A  Completed a wide range of courses, including: English, Latin and philosophy.  The degree included a one-year exchange at Universidad de León, Spain (2006-2007)</p>
<b>RELEVANT PROJECTS</b>	<p><b>‘KRISTINA - Overcoming Barriers in Healthcare’ (H2020 Project)</b>  I helped to develop a Polish synthetic voice that will be used to create a socially competent virtual agent to facilitate communication between care givers and patients.</p>
<b>SELECTED PUBLICATIONS</b>	<p><b>M. Dubiel, S. Daronnat and L. A. Leiva 2022.</b> <i>Conversational Agents Trust Calibration: A User-Centred Perspective to Design</i> . ACM 4th International Conference on Conversational User Interfaces (CUI), Glasgow, The UK, July, 26-28, 2022.</p> <p><b>M. Dubiel, M. Nakayama and X. Wang 2021.</b> <i>Combining Oculo-motor Indices to Measure Cognitive Load of Synthetic Speech in Noisy Listening Conditions</i>. ACM ETRA '21: 2021 Symposium on Eye Tracking Research and Applications, Virtual Event, Stuttgart, Germany, May, 24-27, 2021.</p> <p><b>M. Dubiel, P. Oplustil-Gallegos, M. Halvey and S.King 2020.</b> <i>Persuasive Synthetic Speech: Voice Perception and User Behaviour</i>. ACM 2nd International Conference on Conversational User Interfaces (CUI), Bilbao, Spain, July, 23-24, 2020.</p>
<b>GRANTS &amp; AWARDS</b>	<p><b>The iSchools Doctoral Dissertation Award ‘22 (Runner Up):</b> 1000\$ prize  <b>JSPS Fellowship ‘22:</b> £30000 to conduct research on speech perception  <b>JSPS Fellowship ‘21:</b> £30000 to conduct research on speech perception  <b>Seal of Excellence:</b> for Marie Curie Sklodowska Fellowship Proposal (90.4/100)  <b>Mac Robertson Scholarship:</b> £3745 to conduct a research visit at Tokyo Tech  <b>Honourable Mention Award:</b> for Persuasive Synthetic Speech research paper</p>
<b>TECHNICAL SKILLS</b>	<ul style="list-style-type: none"> <li>• <b>Programming Languages:</b> Python, Java Script, R, Shell scripting</li> <li>• <b>Acoustic Analysis:</b> Praat, WaveSurfer</li> <li>• <b>Research:</b> Experimental Design, Usability Testing</li> </ul>
<b>SELECTED ACADEMIC SERVICE</b>	<p><b>Organisation of academic events</b></p> <ul style="list-style-type: none"> <li>• ACM CHI Conference on Human Factors in Computing Systems (CHI‘23) – Late Breaking Work (LBW) Associate Chair</li> <li>• ACM Conversational User Interfaces Conference (CUI‘23) – Registration Chair</li> <li>• ACM Conversational User Interfaces Conference (CUI‘22) – Short Papers Chair</li> </ul> <p><b>Reviewing for Association for Computer Machinery (ACM)</b></p> <ul style="list-style-type: none"> <li>• Conversational User Interfaces Conference (2021 and 2022)</li> <li>• Computer Supported Cooperative Work and Social Computing (2020-2022)</li> <li>• European Conference on Information Retrieval (2019 and 2020)</li> </ul>
<b>LANGUAGES</b>	<p><b>Polish</b> (native speaker), <b>English</b> (near-native competence)  <b>Spanish</b> (conversational), <b>Chinese</b> (HSK - Level 1 Certificate/beginner)</p>