

**Erasmus University Rotterdam, the Netherlands**  
**CSC PhD 2015 Project Description**

<b>School/Department:</b>	Erasmus Graduate School of Social Sciences and Humanities Woudestein Campus, Burg. Oudlaan 50, P.O. Box 1738, 3000 DR Rotterdam The Netherlands
<b>Project Title:</b>	Big Data for Urban Innovation: online memories  This project is part of the e-URBAN graduate programme about urban big data
<b>Abstract:</b>	<p>Big data' has been identified by a range of public and private actors as holding the key to economic growth, improved health care, better customer services, enhanced community engagement, higher quality of infrastructure and diverse other social and economic benefits. Cities, in particular, are seen as places where such data can come to its full and most advantageous usage, and – hence - across the globe 'smart cities' are emerging. Using sensor data of traffic flows, energy usage or weather conditions, the promise of such smart cities is - first - the bespoke and efficient management of the urban infrastructure, which is under continuous pressure to still increasing migration from rural to urban areas. Second, across the globe urban governments are opening up their own public data sets about, for instance, school inspection results, noise complaints, rat sightings, sports facilities and other quality of life indicators,. The city of New York, for instance, has recently opened more than 1100 data sets for everyone to access and use (<a href="https://data.cityofnewyork.us/data">https://data.cityofnewyork.us/data</a>). Rotterdam, in comparison, currently offers 178 data sets to its citizens (<a href="http://rotterdamopendata.nl/dataset">http://rotterdamopendata.nl/dataset</a>). Third, the inhabitants of cities produce a daily bulk of social media data through which they appreciate or criticize not only city government, but also the wealth of urban offer of leisure, commerce, events or culture. Likewise, health data are part of the urban data ecology as well, not only because health and medical centers are crucially located in cities, but also because cities have specific health issues.</p> <p><b>Local memories</b>  Across the world, citizens are engaging in their own local history projects by collecting and sharing local memories online. Such memory websites provide a host of data that can be analysed through big data science and visualization techniques. The purpose of this project is to construct an overview of the main tendencies in local memory websites, asking in if an how they contribute to social cohesion and innovation in cities and neighborhoods.</p>

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<b>Requirements of candidate:</b>	<p>Background: Social Sciences, Humanities or (equivalent of) Social Informatics</p> <p>Master degree: Yes          IELTS Grade: 7.0 (<i>minimal 6.0 per component</i>)          or          TOEFL: 100 (<i>minimal 20 per component</i>)</p>
<b>Supervisor information:</b>	<p>Prof. Dr. Liesbet van Zoonen          Email: <a href="mailto:vanzoonen@fsw.eur.nl">vanzoonen@fsw.eur.nl</a>  <a href="http://www.egs3h.eur.nl/people/liesbeth-van-zoonen/">http://www.egs3h.eur.nl/people/liesbeth-van-zoonen/</a>  <a href="http://liesbetvanzoonen.wordpress.com">http://liesbetvanzoonen.wordpress.com</a></p> <p>Professor Van Zoonen leads the e-URBAN graduate programme, and is a distinguished international scholar in the social sciences. She has supervised over 20 PhD students and has a 90 % success rate. Her graduates have acquired influential university and corporate positions.</p> <p>Her expertise is in the wide field of cultural studies and political science. She is a much appreciated international speaker and government consultant. Students have assessed her as an energetic and inspiring teacher, who is able to set clear guidelines and make realistic work plans.</p> <p>She uses both quantitative and qualitative methodologies.</p> <p>Co-supervisor: Professor Franciska de Jong  <a href="http://www.eur.nl/erasmusstudio/people/current_members/prof_dr_fm_g_de_jong_franciska/">http://www.eur.nl/erasmusstudio/people/current_members/prof_dr_fm_g_de_jong_franciska/</a></p> <p>Professor De Jong holds a chair in e-Research for the Social Sciences and Humanities. Her current research focus is on multimedia indexing, text mining, cross-language information retrieval and the disclosure of cultural heritage collections (in particular spoken word audio archives).</p> <p>The e-URBAN programme is part of the Erasmus Graduate School of Social Sciences and Humanities, which offers its students a full package of courses aimed at substantial, methodological and professional skills, and offers bespoke process supervision and support.</p> <p><b><u>Selection of publications</u></b></p> <p>Hirzalla, F., Van Zoonen, L. &amp; J. de Ridder. 2011. "Internet Use and Political Participation: Reflections on the Mobilization/Normalization Controversy" <i>The Information Society</i>, Vol. 27, no. 1, pp.1-15.</p>

	<p>Hirzalla, F. &amp; Van Zoonen, L. 2010. "Affective Political Marketing Online: Emotionality in the Youth Sites of Greenpeace and WWF", <i>International Journal of Learning and Media</i> vol. 2, no. 1, pp. 39-54.</p> <p>Kreek, M. de &amp; L. van Zoonen (2013). Mapping an emerging field: local memory websites. Proceedings of the Community Informatics Research Network Conference, Prato, Italy. <a href="http://ccnr.infotech.monash.edu/conferences-workshops/prato2013papers.html">http://ccnr.infotech.monash.edu/conferences-workshops/prato2013papers.html</a></p> <p>Van Zoonen, L., Turner, G. &amp; J. Harvey (2014). Confusion, control and comfort: premediating identity management in film and television. <i>Information, Communication and Society</i>, online first: <a href="http://dx.doi.org/10.1080/1369118X.2013.870592">http://dx.doi.org/10.1080/1369118X.2013.870592</a>.</p> <p>Van Zoonen, L. (2013). From identity to identification: Fixating the fragmented self. <i>Media, Culture and Society</i> 35(1), p. 44-51</p> <p>Van Zoonen, L., Vis, F., &amp; Mihelj, S. 2011, "YouTube interactions between agonism, antagonism and dialogue: Video responses to the anti-Islam film Fitna", <i>New Media and Society</i>, first published online June 16. doi:10.1177/1461444811405020. <a href="#">PDF</a></p> <p>Van Zoonen, L. 2002, "Gendering the internet. Claims, controversies and cultures", <i>European Journal of Communication</i>, vol. 17, no. 1, pp. 5-23.</p>
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