



WISDOM OF THE CROWDS A PARTICULAR TOPIC

Pascal Gerig (16-104-721)¹ Lorenzo Wipfli (13-933-262)² Marcel Zauder (16-124-836)³

SUPERVISOR:

Prof. Edy Portmann

ASSISTANT(S):

Moreno Colombo

Jhonny Pincay

OCTOBER 19, 2021

HUMAN SMART CITIES SEMINAR - REPORT

¹pascal.gerig@students.unibe.ch, University of Bern

²lorenzo.wipfli@students.unibe.ch, University of Bern

³marcel.zauder@students.unibe.ch, University of Bern

Abstract

This package, unifrsr, allows the easy creation of seminar reports using standard LaTeX. It should be the last package loaded, to ensure that nothing overrides the page layout.

Note that utility commands are available:

- \seminartitle which specifies, optionally, the title of the seminar the report is being written for
- \supervisor which specifies the name of the professor supervisor of the project
- \assistant which specifies, optionally, the name of the assistants of the seminar, separated by the command \and

Keywords: Seminar report, Human-IST Research Institute

Contents

	Introduction		2
	1.1	Subsection of introduction	2
Bibliography			3

Chapter 1

Introduction

This is an example of a section. As you see, it is just a standard LaTeX section. Here is a footnote¹.

1.1 Subsection of introduction

It's all standard LaTeX, as you can see. This is a very nice paper: [Poi18] [NOK] [SBMM12] [WWZ+19] [EGG17] [AGJ+20] [CDA16] [KLJ+19] [AT17] [ZTMP17] [Zad94] [LW18] [Tim19]

¹This is a footnote

Bibliography

- [AGJ⁺20] AMINPOUR, Payam; GRAY, Steven; JETTER, Antonie; INTRONE, Joshua; SINGER, Alison; ARLINGHAUS, Robert: Wisdom of stakeholder crowds in complex social-ecological systems. In: *Nature Sustainability* 3 (2020), 03, S. 191–199. http://dx.doi.org/10.1038/s41893-019-0467-z. DOI 10.1038/s41893-019-0467-z
- [AT17] ALJOUFIE, Mohammed; TIWARI, Alok: People's Aspirations from Smart City Technologies: What Solutions They Have to Offer for the Crucial Challenges City of Jeddah Is Facing. In: *Current Urban Studies* 05 (2017), 01, S. 466–482. http://dx.doi.org/10.4236/cus.2017.54026. DOI 10.4236/cus.2017.54026
- [CDA16] CHOWDHURY, Srinjoy; DHAWAN, Saniya; AGNIHOTRI, Akshay: Crowd-sourcing for smart cities. (2016), 05, S. 360–365. http://dx.doi.org/10.1109/RTEICT. 2016.7807842. DOI 10.1109/RTEICT.2016.7807842
- [EGG17] EGGERS, William D.; GUSZCZA, Jim; GREENE, Michael: Making cities smarter: How citizens' collective intelligence can guide better decision making. In: Deloitte Review 20 (2017), 01. https://www2.deloitte.com/us/en/insights/deloitte-review/issue-20/people-for-smarter-cities-collective-intelligence-decision-making.html
- [KLJ⁺19] Kong, Xiangjie; Liu, Xiaoteng; Jedari, Behrouz; Li, Menglin; Wan, Liangtian; Xia, Feng: Mobile Crowdsourcing in Smart Cities: Technologies, Applications, and Future Challenges. In: *IEEE Internet of Things Journal* 6 (2019), 10, S. 8095–8113. http://dx.doi.org/10.1109/JIOT.2019.2921879. DOI 10.1109/JIOT.2019.2921879
- [LW18] LANIER, Jaron; WEYL, E.G.: A blueprint for a better digital society. In: *Harvard Business Review* 26 (2018)
- [NOK] NOKIA: Nokia Ava Crowd Analytics. https://www.nokia.com/networks/services/nokia-ava-crowd-analytics/, https://www.nokia.com/networks/portfolio/insights-and-analytics/
- [Poi18] POIKELA, Malla: Use wisdom of crowds to design smarter cities, businesses and networks. https://www.nokia.com/blog/use-wisdom-crowds-design-smarter-cities-businesses-and-networks/. Version: Mai 2018

BIBLIOGRAPHY BIBLIOGRAPHY

[SBMM12] SCHUURMAN, Dimitri; BACCARNE, Bastiaan; MAREZ, Lieven; MECHANT, Peter: Smart Ideas for Smart Cities: Investigating Crowdsourcing for Generating and Selecting Ideas for ICT Innovation in a City Context. In: *Journal of theoretical and applied electronic commerce research* 7 (2012), 12, S. 49–62. http://dx.doi.org/10.4067/S0718-18762012000300006. – DOI 10.4067/S0718-18762012000300006

- [Tim19] TIMES, The New Y.: Jaron Lanier Fixes the Internet | NYT Opinion. https://www.youtube.com/watch?v=Np5ri-KktNs. Version: 2019
- [WWZ⁺19] WANG, Jiangtao; WANG, Yasha; ZHANG, Daqing; Lv, Qin; CHEN, Chao: Crowd-Powered Sensing and Actuation in Smart Cities: Current Issues and Future Directions. In: *IEEE Wireless Communications* PP (2019), 04. http://dx.doi.org/10.1109/MWC.2019.1800030. DOI 10.1109/MWC.2019.1800030
- [Zad94] ZADEH, Lotfi A.: Fuzzy Logic, Neural Networks, and Soft Computing. In: *Commun. ACM* 37 (1994), 03, Nr. 3, 77–84. http://dx.doi.org/10.1145/175247. 175255. DOI 10.1145/175247.175255. ISSN 0001–0782
- [ZTMP17] ZHUHADAR, Lily P.; THRASHER, Evelyn; MARKLIN, Scarlett; PABLOS, Patricia: The next wave of innovation—Review of smart cities intelligent operation systems. In: *Computers in Human Behavior* 66 (2017), 01, S. 273–281. http://dx.doi.org/10.1016/j.chb.2016.09.030. DOI 10.1016/j.chb.2016.09.030