

Rodolfo BAGGIO

Rodolfo holds a Laurea degree in Physics (MPhys, 1976) from the University of Milan (Italy) and a PhD in Tourism (2008) from the University of Queensland (Australia). In 2018 he has received the Italian National habilitation to full professorship in Applied Economics for the period 2018-2027.

Rodolfo is professor (contracted) at the Bocconi University (Milan) where he teaches courses in computer science, information technology and systems, and quantitative research methods. At Bocconi he is coordinator of the Digital Strategies area at the Master in Economics and Tourism and research fellow at the Donde Center for Research on Social Dynamics and Public Policy. He is also Professor at the Division for Social Sciences and Humanities, School of Core Engineering Education, Tomsk Polytechnic University (Tomsk, Russia).

After having performed research and teaching activities in Astrophysics and Radioastronomy, he joined IBM Italy (1978) where he held several professional positions in the area of large systems, with main activities in information systems design, marketing and managerial education, and managerial positions in technical and marketing areas. He has also worked in Germany (IBM Mainz plant) as marketing support manager. In 1991 Rodolfo is at the Merzario Group (logistics and transportations) as Director of the group's Information Systems department and of the headquarter's Organization and Supply Management department.

He has been visiting professor at the School of Tourism, University of Bournemouth, UK, deputy director of the GTAT Tourism Policy and Strategy postgraduate courses organized by the UN World Tourism Organization – Themis Foundation and visiting lecturer at the EuroArab Management School (Granada, Spain), Master in Tourism Management (course held in Beirut, Lebanon and Aqaba, Jordan). He has taught at the MBA in International Hospitality Management of the IMHI-ESSEC business school (Paris, France) and at the University of Primorska (Koper, Slovenia). In the last years he has lectured also at the: FachHochschule in Salzburg, Austria, Arab Academy for Science, Technology & Maritime Transport, Alexandria, Egypt, Higher School of Economics, Moscow and St. Petersburg, Russia, Eberswalde University for Sustainable Development, Germany, and European Tourism Research Institute (ETOUR), Mid Sweden University, Östersund, Sweden and the University of Bologna, Rimini Campus.

Rodolfo has carried out research and consulting activities in the field of information technologies, organization, and planning for private and public tourism organizations and has managed several international research projects dealing with tourism destinations management and territorial planning. More recently, his research interests have centred on the analysis of the social and technological network structures underlying the tourism activities and on the application of complexity theory and network analysis methods to the study of tourism destinations. He has held several lectures in national and international conferences and authored numerous scientific and popular articles and books. His scientific works are well cited in the literature.

Rodolfo is member of the scientific board of several international conferences and scholarly journals and serves as associate editor of the Journal of Information Technology and Tourism and the International Journal of Tourism Sciences, and as editor of the letters section Current Issues in Tourism. He has chaired the Information Technology and Tourism cross session at the IFIP (International Federation for Information Processing) World Computer Congress (Milan, 2008), the Industry Track at Enter 2010 and 2011, the PhD Workshop at Enter 2014. and the ENTER2012 conference in Helsingborg, Sweden. He has been Vice President of IFITT (International Federation for IT and Travel & Tourism) in 2012-2013 and president of the Italian chapter.

Rodolfo is founding member of Società Internet, the Italian chapter of the Internet Society and member of the Italian Physical Society, of IFITT (past vice-president and president of the Italian chapter), and Fellow of the Royal Geographical Society. In 2017 he has been awarded the *Hannes Werthner Lifetime Achievement Award* from IFITT.

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Rodolfo Baggio – Recent Publications (2017-present)

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Scopus id: 23476323900; ResearcherID: D-5469-2014

Books

- Baggio, J. A., & Baggio, R. (2020). *Modelling and Simulations for Tourism and Hospitality*. Bristol, UK: Channel View.
- Baggio, R., Klobas, J. (2017). *Quantitative research methods in tourism: a handbook – Second Edition*. Bristol, UK: Channel View.

Journal papers

- Baggio, R. (2022). Book review of McKercher, B. and Prideaux, B. (2020). *Tourism Theories, Concepts and Models*. ISBN: 9781911635352, Oxford, UK: Goodfellow Publishers Ltd. *European Journal of Tourism Research*, 30, art. 3021.
- Mariani, M., & Baggio, R. (2022). Big Data and Analytics in Hospitality and Tourism: A Systematic Literature Review. *International Journal of Contemporary Hospitality Management*, 34(1), 231-278.
- Sainaghi, R., & Baggio, R. (2021). Destination events, stability and turning points of development. *Journal of Travel Research*, 60(1), 172-183.
- Provenzano, D., & Baggio, R. (2021). Complexity traits and synchrony of cryptocurrencies price dynamics. *Decisions in Economics and Finance*, (doi: 10.1007/s10203-021-00319-w).
- Sainaghi, R., & Baggio, R. (2021). Airbnb host scaling, seasonal patterns, and competition. *Engineering Proceedings*, 5(1), art. 4.
- Valeri, M., & Baggio, R. (2021). Increasing the efficiency of knowledge transfer in Italian tourism system: a network approach. *Current Issues in Tourism*, (doi: 10.1080/13683500.2021.1937960).
- Tomassini, L., & Baggio, R. (2021). Organisational Effectiveness for Ethical Tourism Action: a Phronetic Perspective. *Journal of Sustainable Tourism*, (doi: 10.1080/09669582.2021.1963974).
- Baggio, R., & Czernek-Marszałek, K. (2021). A network analytic perspective on cooperation in a tourist destination. *Journal of Destination Marketing and Management*, (submitted).
- Baggio, R., Micera, R., & del Chiappa, G. (2020). Smart tourism destinations: a critical reflection. *Journal of Hospitality and Tourism Technology*, 11(3), 407-423.
- Baggio, R. (2020). The science of complexity in the tourism domain: a perspective article. *Tourism Review*, 75(1), 16-19.
- Mariani, M., & Baggio, R. (2020). The relevance of Mixed Methods for Network Analysis in Tourism and Hospitality Research. *International Journal of Contemporary Hospitality Management*, 32(4), 1643-1673.
- Provenzano, D., & Baggio, R. (2020). Quantitative methods in tourism and hospitality: A perspective article. *Tourism Review*, 71, 24-28.
- Sainaghi, R., & Baggio, R. (2020). Substitution threat between Airbnb and hotels: myth or reality? *Annals of Tourism Research*, 83, art. 102959.
- Baggio, R. (2020). Tourism destinations: A universality conjecture based on network science. *Annals of Tourism Research*, 82, art. 102929.
- Valeri, M., & Baggio, R. (2020). Social network analysis: organizational implications in tourism management. *International Journal of Organizational Analysis*, (doi: 10.1108/IJOA-12-2019-1971).
- Valeri, M., & Baggio, R. (2020). Italian tourism intermediaries: a social network analysis exploration. *Current Issues in Tourism*, (doi: 10.1080/13683500.2020.1777950).
- Valeri, M., & Baggio, R. (2020). A critical reflection on the adoption of blockchain in tourism. *Information Technology and Tourism*, (doi: 10.1007/s40558-020-00183-1).
- Sainaghi, R., & Baggio, R. (2020). Are mom-and-pop and professional hosts actually competing against hotels? *International Journal of Contemporary Hospitality Management*, (doi: 10.1108/IJCHM-08-2020-0882).
- Gretzel, U., Fuchs, M., Baggio, R., Hoepken, W., Law, R., Neidhardt, J., Pesonen, J., Zanker, M., & Xiang, Z. (2020). e-Tourism Beyond COVID-19: A Call for Transformative Research. *Information Technology and Tourism*, (doi: 10.1007/s40558-020-00181-3).
- Baggio, R., & Valeri, M. (2020). Network science and sustainable performance of family businesses in

- tourism. *Journal of Family Business Management*, (doi: 10.1108/JFBM-06-2020-0048).
- Baggio, R. (2020). Computational modelling and simulations in tourism: A primer. *Annals of Tourism Research Empirical Insights*, 1(1), art. 100005.
- Baggio, R. (2019). Weighted networks: the issue of dichotomization. *International Journal of Tourism Sciences*, 19(1), 54-64.
- Provenzano, D., & Baggio, R. (2019). A complex network analysis of inbound tourism in Sicily. *International Journal of Tourism Research*, (doi: 10.1002/IJTR.2343).
- Provenzano, D., & Baggio, R. (2019). E-tourism economics: Editorial for the special issue. *Tourism Economics*, (doi: 10.1177/1354816619890222).
- Raisi, H., Baggio, R., Barratt-Pugh, L., & Willson, G. (2019). A Network Perspective of Knowledge Transfer in Tourism. *Annals of Tourism Research*, 80, art. 102817.
- Sainaghi, R., & Baggio, R. (2019). Clusters of topics and research designs in peer-to-peer accommodation platforms. *International Journal of Hospitality Management*, 88, art. 102393.
- Sainaghi, R., & Baggio, R. (2019). Destination events, stability and turning points of development. *Journal of Travel Research*, (doi: 10.1177/0047287519890927).
- Sainaghi, R., Phillips, P., Baggio, R., & Mauri, A. (2019). Hotel Performance: Rigor and Relevant Research Topics. *International Journal of Hospitality Management*, 78 13-26.
- Sainaghi, R., & Baggio, R. (2019). The effects generated by events on destination dynamics and topology. *Current Issues in Tourism*, (doi: 10.1080/13683500.2019.1650007).
- Trinchini, L., Kolodiy, N. A., Goncharova, N. A., & Baggio, R. (2019). Creativity, innovation and smartness in destination branding. *International Journal of Tourism Cities*, 5(4), 529-543.
- Zach, F. J., Xiang, Z., & Baggio, R. (2019). Analysing Linkage between ICT and US State Tourism Websites. *e-Review of Tourism Research (eRTR)*, 17(3), 306-326.
- Baggio, R., & Fuchs, M. (2018). Network science and e-tourism. *Information Technology and Tourism*, 20(1-4), 97-102.
- Baggio, R., & Moretti, V. (2018). Beauty as a factor of economic and social development. *Tourism Review*, 73(1), 68-81.
- Baggio, R., & Scaglione, M. (2018). Strategic Visitor Flows and destination management organization. *Information Technology and Tourism*, 18(1-4), 29-42.
- Éber, F. Z., Baggio, R., & Fuchs, M. (2018). Network analysis of a multi destination region – The case of Halland, South Sweden. *Information Technology and Tourism*, 20(1-4), 181-188.
- Mariani, M., Baggio, R., Fuchs, M., & Höpken, W. (2018). Business Intelligence and Big Data in Hospitality and Tourism: A Systematic Literature Review. *International Journal of Contemporary Hospitality Management*, 30(12), 3514-3554.
- Provenzano, D., Hawelka, B., & Baggio, R. (2018). The mobility network of European tourists: a longitudinal study and a comparison with geo-located Twitter data. *Tourism Review*, 73(1), 28-43.
- Sainaghi, R., Baggio, R., Phillips, P., & Mauri, A. (2018). Hotel performance and research streams: A network cluster analysis. *International Journal of Contemporary Hospitality Management*, (doi: 10.1108/IJCHM-05-2017-0260).
- Sainaghi, R., Phillips, P., Baggio, R., & Mauri, A. (2018). Cross-citation and authorship analysis of hotel performance studies. *International Journal of Hospitality Management*, 73, 75-84.
- Sainaghi, R., & Baggio, R. (2017). Complexity traits and dynamics of tourism destinations. *Tourism Management*, 63, 368-382.
- Provenzano, D., & Baggio, R. (2017). The contribution of human migration to tourism: the VFR travel between the EU28 member states. *International Journal of Tourism Research*, 19(4), 412-420..
- Raisi, H., Baggio, R., Barratt-Pugh, L., & Willson, G. (2017). Hyperlink Network Analysis of a Tourism Destination. *Journal of Travel Research*, doi: 10.1177/0047287517708256.
- Baggio, R. (2017). Network science and tourism – the state of the art. *Tourism Review*, 72(1), 120-131.
- Marmo, R., & Baggio, R. (2017). Building confidence measures for tourist destination choice. *International Journal of Tourism Sciences*, (doi: 10.1080/15980634.2016.1274527).
- Amelung, B., Student, J., Nicholls, S., Lamers, M., Baggio, R., Boavida-Portugal, I., Johnson, P., de Jong, E., Hofstede, G.-J., Pons, M., Steiger, R., & Balbi, S. (2017). The value of agent-based modelling for assessing tourism-environment interactions in the Anthropocene. *Current Opinion in Environmental Sustainability*, (forthcoming).

Book chapters

- Scott, N., & Baggio, R. (2022). Networks, tourism. In J. Jafari & H. Xiao (Eds.), *Encyclopedia of Tourism (2nd edition)* (pp. forthcoming). Berlin: Springer.

- Baggio, R. (2022). Network analysis methods. In D. Buhalis (Ed.), *Encyclopedia of Tourism Management and Marketing* (forthcoming). Cheltenham, UK: Edward Elgar Publishing.
- Scaglione, M., & Baggio, R. (2022). Visitor flows. In D. Buhalis (Ed.), *Encyclopedia of Tourism Management and Marketing* (forthcoming). Cheltenham, UK: Edward Elgar Publishing.
- Baggio, R. (2020). Che cosa c'entra il digitale? In M. Franch & R. Peretta (Eds.), *Turismo, fragilità ed emergenze* (pp. 33-69). Milano: McGraw-Hill Education.
- Baggio, R. (2020). Digital Ecosystems, Complexity and Tourism Networks. In Z. Xiang, M. Fuchs, U. Gretzel & W. Höpken (Eds.), *Handbook of e-Tourism* (doi: 10.1007/1978-1003-1030-05324-05326_05391-05321). Cham (CH): Springer.
- Baggio, R. (2019). Big Data e turismo: una relazione complicata. In E. Becheri & A. Morvillo (Eds.), *XXIII Rapporto sul Turismo Italiano – 2018/2019* (pp. 91-106). Napoli: CNR-IRISS - Rogiosi editore.
- Baggio, R. (2019). Measuring Tourism: Methods, Indicators, and Needs. In E. Fayos-Solà & C. Cooper (Eds.), *The Future of Tourism: Innovation and Sustainability* (pp. 255-269). Cham, CH: Springer.
- Baggio, R. (2018). Network analysis: quantitative methods in tourism. In C. Cooper, B. Gartner, N. Scott & S. Volo (Eds.), *The Sage Handbook of Tourism Management* (pp. 150-170). Thousand Oaks, CA: SAGE.
- Baggio, R., & Scaglione, M. (2018). Destination attractions system and Strategic Visitor Flows: An exploratory study. In F. Sánchez, C. Pautasso & K. Systä (Eds.), *Current Trends in Web Engineering, ICWE2018 workshops* (pp. 227-237). Cham (CH): Springer.
- Colombo, E. and Baggio, R. (2017). Tourism Distribution Channels: Knowledge requirements. In N. Scott, M. Van Niekerk and M. De Martino (Eds.), *Knowledge Transfer to and within Tourism: Academic, Industry and Government Bridges* (pp. 289-301). Bingley, UK: Emerald.
- Baggio, R., & Scaglione, M. (2017). Strategic Visitor Flows (SVF) analysis using mobile data. In R. Schegg & B. Stangl (Eds.), *Information and Communication Technologies in Tourism 2017 (Proceedings of the International Conference in Rome, Italy, January 24-26)* (pp. 145-157). Berlin - Heidelberg: Springer.

Conference papers (refereed)

- Baggio, R., & Scaglione, M. (2021). *Weather conditions in urban destinations – An analysis of visitor flows The case of the "Geneva City pass"*. Paper presented at the 70th Aiest Conference of Ideas, Lucerne, CH (Aug. 29 - Sept. 1).
- Scaglione, M., Baggio, R., & Doctor, M. (2021). *Evidence of the impact of weather conditions on visitor flows in urban destinations: The case of the "Geneva City pass"*. Paper presented at the 6th World Research Summit for Tourism and Hospitality, Orlando, FL [online] (14-15 December).
- Vidasova, L., Kolodii, N., Goncharova, N., Chugunov, A., & Baggio, R. (2021). *Exploring citizens' awareness of e-services and attitude towards smart city: a comparative analysis of the cases of St. Petersburg and Tomsk*. Paper presented at the Electronic Governance and Open Society: Challenges in Eurasia (EGOSE), St. Petersburg, Russia (November 24-25).
- Scaglione, M., Baggio, R., & Doctor, M. (2021). *Guest cards and weather conditions in city destinations – An analysis of visitor flows - The case of the "Geneva City pass"* Paper presented at the 29th Nordic Symposium on Tourism and Hospitality Research, Akureyri, IS [online] (21-23 September).
- Mazza, A., Baggio, R., Cappiello, G., & Visentin, M. (2021). *Innovazione nel settore alberghiero: un'analisi del contesto riminese*. Paper presented at the XVIII Convegno annuale della Società Italiana Marketing, Ancona (14-15 ottobre).
- Baggio, R. (2019). *Advanced technologies for smart tourism destinations*. Paper presented at the International Conference on "Developing smart tourism in Ho Chi Minh City", Ho Chi Minh City, VN (September 7).
- Sainaghi, R., & Baggio, R. (2019). *Cross-citation and research topics in the sharing economy*. Paper presented at the 5th World Research Summit for Tourism and Hospitality, Orlando, FL (13-16 December).
- Sainaghi, R., & Baggio, R. (2019). *Big events and destination performance: A comparative analysis*. Paper presented at the 5th World Research Summit for Tourism and Hospitality, Orlando, FL (13-16 December).
- Baggio, J. A., & Baggio, R. (2019). *Empirically grounded agent-based models in tourism*. Paper presented at the 5th World Research Summit for Tourism and Hospitality, Orlando, FL (13-16 December).
- Baggio, R. (2019). *Advanced technologies for smart tourism destinations*. Paper presented at the International Conference on "Developing smart tourism in Ho Chi Minh City", Ho Chi Minh City,

VN (September 7)

- Sainaghi, R., & Baggio, R. (2019). *Cross-citation and research topics in the sharing economy*. Paper presented at the 5th World Research Summit for Tourism and Hospitality, Orlando, FL (13-16 December)
- Sainaghi, R., & Baggio, R. (2019). *Big events and destination performance: A comparative analysis*. Paper presented at the 5th World Research Summit for Tourism and Hospitality, Orlando, FL (13-16 December)
- Sainaghi, R., & Baggio, R. (2019). The World Milan Expo 2015: Short-term Effects on Hospitality Firms. *Proceedings of the 2nd International Conference on Tourism Research ICTR 2019 Porto, Portugal (14-15 March)*, 266-273.
- Raisi, H., Baggio, R., Barratt-Pugh, L., & Willson, G. (2018). *Knowledge Transfer in a Tourism Destination*. Paper presented at the CAUTHE 2018 conference, Newcastle, Australia (5-8 February)
- Sainaghi, R., & Baggio, R. (2019). The World Milan Expo 2015: Short-term Effects on Hospitality Firms. *Proceedings of the 2nd International Conference on Tourism Research ICTR 2019 Porto, Portugal (14-15 March)*, 266-273.
- Baggio, R., & Scaglione, M. (2018). *Destination attractions system and Strategic Visitor Flows: An exploratory study*. Paper presented at the 1st International Workshop on Knowledge Graphs on Travel and Tourism (TourismKG 2018) at ICWE 2018, Cáceres, Spain (June 5)
- Fuchs, M., & Baggio, R. (2018). *Aesthetical, ethical and psychological dimensions of creativity – Implications for destination development and tourism entrepreneurship*. Paper presented at the ATLAS Annual Conference, Copenhagen, Denmark (26-29 September)
- Raisi, H., Baggio, R., Barratt-Pugh, L., & Willson, G. (2018). *Knowledge Transfer in a Tourism Destination*. Paper presented at the CAUTHE 2018 conference, Newcastle, Australia (5-8 February)
- Scaglione, M., & Baggio, R. (2018). *Visitor mobility and length of stay in a tourism destination: a network analysis*. Paper presented at the 4th Advances in Destination Management Forum, St. Gallen, CH (June 13-15)
- Scaglione, M., Baggio, R., Loubier, J. C., Schegg, R., & Colletis-Wahl, K. (2018). *Towards a St. Gallen destination management model at the Franco-Swiss border? Evidences and barriers*. Paper presented at the 68th AIEST Conference Treviso, Italy (26-30 August)
- Fuchs, M., & Baggio, R. (2017). *Creativity and Tourism Networks – A Contribution to a Post-Mechanistic Economy*. Paper presented at the Critical Tourism Studies Conference, Palma de Mallorca, Spain (June 25-29).
- Sainaghi, R., Baggio, R., & Phillips, P. (2017). *Hotel Performance and Research Streams: A Network Cluster Analysis Approach*. Paper presented at the 15th APacCHRIE, Bali, Indonesia (31 May - 3 June).
- Baggio, R., Moretti, V., & Fuchs, M. (2016). *Beauty and Creativity and Their Role in Fostering Economic and Social Development*. Paper presented at the Valuing and Evaluating Creativity for Sustainable Regional Development (for the 10th Annual Meeting of the UNESCO Creative Cities Network), Östersund, Sweden (September 11-14)