UNIVERSITÀ
DEGLI STUDI
DI PADOVA

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Organising institution	Università degli Studi di Padova Dipartimento di Filosofia, Sociologia, Pedagogia e Psicologia Applicata -FISPPA Prof.ssa Arjuna Tuzzi
Partner Institutions	International Quantitative Linguistics Association
Course Title and Description	**IQLA-GIAT Summer School in Quantitative Analysis of Textual Data** The recent developments in digital media are changing not only the way research in social science is conducted but also the way it is devised and planned. The demand for data scientist is growing in all disciplines, both in the academic field and in many business and manufacturing sectors. However, in order to fully benefit of the innovations a new generation of researchers in needed, who can correctly apply and adapt data science methodologies to human and social disciplines. The summer school aims in particular to deal with the problems in text data science, as modern digital sources of information, such as newspapers and social media, or archives of books, documents and journals, are now an irreplaceable base for many researches. The growing availability of big text corpora requires new tools to face new research questions and, given the fact that we are dealing with texts, the interest and the skills involve in particular the researchers and students in human and social sciences who have the critical and analytical skills to fully understand their potentialities. The school is organized as follows: - a general part on the base concepts of quantitative analysis of texts - a specific topic that varies in each edition of the summer school: 2021: Quality of Texts - Quality of News 2019: Data Science and Data scientists in Humanities and Social Sciences; 2017: Topic detection and authorship attribution in Elena Ferrante's case-study; 2015: Measuring style and computational stylistics; 2013: Measures and methods in authorship attribution - a large space devoted to the analysis of corpora with the help of software; - a multidisciplinary approach ensured both by lecturers coming from different disciplines and by students from different educational backgrounds. Didactic activities are organized approximately in 16 lessons of 2 hours, the half of which are laboratories with the help of software. Other hours are devoted to the presentation (tutorial), the evaluation (survey on the participants' opinion) and the self-evaluation (final test with multiple choice questions).
Period	26/07/2021 – 30/07/2021
ETCS credits	N/A
Course fee	150,00 euro
Course Level	Master level and PhD courses, researchers and in human and social sciences