

ACADEMIC TRACK OF FOSS4G 2019 BUCHAREST – THE ASYMPTOTIC CONNECTION BETWEEN SOFTWARE AND DATA

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PREFACE:

FOSS4G stands for Free and Open Source Software for Geospatial. It is the flagship event of OSGeo. Each FOSS4G has its special aura, kindly designed by each Local Organising Committee, sharing the local culture and spirit with the greater community. In 2019, geo-spatial.org, the OSGeo Local Chapter of Romania, won the honour of organising the geospatial event of the year. FOSS4G 2019 was held in Bucharest (Romania), in three of the most important buildings of this city: National Theatre of Bucharest, InterContinental Hotel and Faculty of Geography from the University of Bucharest.

Following the established tradition of FOSS4G conferences, at the 2019 edition, an Academic Track ran in parallel with the General Track. The main purpose of this track was to bring together researchers, teachers, developers, users and practitioners carrying out research activities in geospatial domains, with an emphasis on the open source solutions. All types of topics such as results achieved, case studies, work in progress, academic endeavours to conceptualize, assess or teach open source geospatial software and data, were welcomed. The Academic Committee discouraged prevalent presentations of technologies or use cases without properly justifying originality to the scientific state of the art, emphasizing on particular novelty.

At this edition, 53 papers were submitted to the Academic Track. These were blind reviewed by 3 reviewers. Finally 38 scientific papers were selected for publication in this volume of the ISPRS Archives. The editors would like to thank all the authors, the members from the Scientific Committee and the Organizing Committee for their valuable contributions. We hope you enjoy reading the proceedings.

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