17.00-18.30 (CET)



Remote Webex Session

Meeting number: 175 034 7516 Password: SciSci.



LECTURE SERIES: SCIENCE OF SCIENCE IN THE SPOTLIGHT

Inequalities in Science:

A Study of Major Research Collaboration Types and Their Implications for

Academic Careers



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In the highly competitive global science, publications are a major determinant of successful academic careers. Individual scientists make collaboration decisions: choosing team or solo publications? Choosing same-sex or mixed-sex collaborations? Choosing local, national or international collaborations? Past authorship decisions bear on the availability of future external research grants, getting hired or tenured. Inequalities in science result from the various collaboration types in research. We examined (1) local-national-international collaboration, (2) solo-team collaboration, and (3) male-female collaboration of all internationally visible (25,000) Polish university professors based on their 160,000 Scopus-indexed articles. We merged a national registry of 100,000 scientists with the Scopus publication database of 400,000 publications. Having an integrated biographical, administrative, publication, and citation database at our disposal ("The Polish Science Observatory"), we examined the propensity to engage in the various collaboration types and we used several new variables. We draw conclusions and discuss practical implications of our research for academic careers.

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