# *第 21 回研究科セミナー(共創インテリジェンス研究領域)*

### テーマ

## **Complex phenomena and social networks in linguistics:**

### From innovation diffusion to second language acquisition \\_

講演者: University of Warsaw

Professor, Michał B. Paradowski

日 時:令和6年10月28日(月)16:40~18:10

場 所:知識科学研究棟Ⅲ棟 5 階 コラボレーションルーム 2

#### 講演要旨:

Throughout history, language sciences have been dealing with numerous phenomena that are either inherently complex/dynamic systems, or which display characteristic properties of such systems. Within an individual, one can point to perceptual dynamics and categorisation in speech, the emergence of phonological templates, or word and sentence processing; across society, think variations and typology,

the rise of new grammatical constructions, semantic bleaching, language evolution in general, and the spread and competition of both individual expressions, and entire languages.

A handful of language phenomena will be portrayed which exhibit properties well-known in complex systems from other domains of life and science. We will then zoom in on the role of social networks, and demonstrate how social network analysis (SNA) can shed light on phenomena from the social spread of neologisms online to the influence of language learners' interactions on their progress, in contexts as

varied as study-abroad sojourns and intensive courses for refugees. We will also illustrate the benefits of combining computational (quantitative) and anthropological (qualitative) SNA for mutually complementary perspectives.

#### 講演者略歴:

Michał B. Paradowski is a professor and teacher trainer at the Institute of Applied Linguistics, University of Warsaw, and a research and language teaching consultant.

His interests include second language acquisition and instruction, bi- and multilingualism, psycholinguistics, educational psychology, Study Abroad,

2003 MA summa cum laude in English Studies (major: Linguistics)

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