

Vortragsankündigung

Ass.-Prof. Dr. Ourania Kounadi

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Geoprivacy: The Privacy of Location and Geodata

Mittwoch, 11. Mai 2022, 17 Uhr c. t.

Präsenzvortrag

Hörsaal 5A, Neues Institutsgebäude (NIG), 1010 Wien, Universitätsstraße 7, **5. Stock** (Lift)

(Moderation: Univ.-Prof. Dr. Alois Humer)

Die Teilnahme an der Vortragsveranstaltung ist auch **online** möglich. **Teilnahme-Link:**

<https://univienne.zoom.us/j/69692289852?pwd=U0d4aDVKMmgzSHlyUGpMRzh1ME5YZz09>

Achtung: Zusätzlich ist die Eingabe eines Kenncodes erforderlich: **Kenncode** 894099.

Zum Vortrag

Privacy can be defined as the positive right of individuals to determine for themselves when, how, and to what extent information about them is communicated to others – including the information about their location in space. The focus of this lecture is on location privacy (geoprivacy), because information about an individual's location is substantially different from other kinds of personally identifiable information. As information, communication technologies, and means of data collection advance while everybody can be connected to everybody else and everything all the time, we must ensure what location privacy implies within information privacy.

During the lecture we will discuss the process of transforming volunteered and observed information into inferred information as well as possibilities to control it. Next to that, we review examples of privacy-safeguarding strategies. It is important to understand protection as a facilitator to data openness and discuss the spectrum between information closure and disclosure.

Zur Person der Vortragenden

Ass.-Prof. Dr. Ourania Kounadi MSc BSc:



Ourania Kounadi received her Doctorate in Applied Geoinformatics at the University of Salzburg. Since 2020, she is an Assistant Professor and head of the working group on Digital Geography at the Department of Geography and Regional Research, University of Vienna. She is the Associate Editor of the Cartography and Geographic Information Science journal. The spectrum of her work ranges from “prediction” to “protection” and her research interests are location privacy, geocomputation, predictive analytics, and crime analysis within the fields of Geography and Geoinformation.

Ourania has extensive experience in the field of location privacy. She has examined the spatial risk of re-identification, the academic practices on spatial confidentiality, proposed geoprivacy-by-design guidelines, developed geographical masking methods, and evaluated the effects of location privacy methods on the accuracy of spatial analytical results. Methodologically she fuses various methods such as traditional interviews with sketch maps as cognitive maps, and geographical with machine learning approaches for descriptive or inferential tasks. Her current work involves the addition of statistical spatial properties in machine learning for geographical modelling.

Covid-Regelung für die Präsenzteilnahme:

Im Neuen Institutsgebäude besteht überall **FFP2-Maskenpflicht** (außer bei Wortmeldungen).