



# EINLADUNG

## Lunchseminar

zum Vortrag von

**Robert BEIG**  
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über

***“The ADM decomposition 'done right'“***

### **Abstract:**

I will review the 3+1-decomposition of GR or other field theories done in such a way that the time leaves need not form a foliation, i.e. where the lapse function can become zero or even change sign. I make remarks on local existence as well as on the relation with the 'hypersurface deformation algebra' put forward by Teitelboim, Kuchar and others.

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**Zeit: Freitag, 15.3.2024, 14:30h**

**Ort: Library, Währinger Straße 17, 1. Stock**

gez.: P. Chrusciel, D. Fajman