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**Problems to  
Quantum Gravity I: Canonical General Relativity**

WS 20/21

Dr. N. Bodendorfer

*Sheet 1*

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Handout: 02.11.2020

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To present: 07.11.2020

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**Problem 1: Quantum gravity**

Read about how quantum gravity is motivated in the literature and what main problems the construction of such a theory faces (internet, library books, ...). Report on your findings during the tutorials.