

## **I n v i t a t i o n**

to the seminar of Division of Elementary Particle Physics of  
the Institute of Physics of the Czech Academy of Sciences

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### **Vector Boson Scattering at the ATLAS Detector**

**Abstract:** The Vector Boson Scattering is a newly opening field of particle physics being accessible thanks to the unprecedented data set of proton-proton collisions, delivered by the LHC during its Run 2 and recorded by the ATLAS detector.

I will briefly introduce what is being analyzed by the ATLAS collaboration, starting with the basic theory principles, following with the successful analyses during the Run 2, finally ending with the analysis with two Z bosons in the final state to which I directly contributed myself.

Seminar will take place online only on **Thursday, January 13, 2022 at 2PM** via **ZOOM video conference system**, for more info, please see <https://indico.fzu.cz/event/108/>