

# Development of the electrostatic deflector for JEDI

## Summary

The direct measurement of the proton or deuteron electric dipole moment has never been performed before. These experiments can be done at storage rings. As a starting point for a first measurement, the magnetic storage ring COSY at Forschungszentrum Jülich can be used. A dedicated storage ring will require electrostatic elements. For testing the electrode material, shape, surface treatment and high voltage tests, a new laboratory was set up at Aachen University. The experimental setup and first laboratory tests will be presented.

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