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High-pressure crystal structures of Wadsley-type vanadium oxides V₂O₅ and V₆O₁₃

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Binary vanadium oxides have attracted considerable attention due to their electronic and magnetic properties. We studied V₂O₅ and V₆O₁₃, two members of the Wadsley phase series, under high pressure with single crystal diffraction in diamond anvil cells and under HP-HT conditions in situ using a multi anvil press.

Primary author: HAKALA, Viliam (Forschungszentrum Jülich GmbH)

Co-authors: MANOUSOU, Dimitra (National and Kapodistrian University of Athens); FRIESE, Karen (Jülich Centre for Neutron Science, Research Centre Jülich); GLAZYRIN, Konstantin (Deutsches Elektronen-Synchrotron (DESY)); CRICHTON, Wilson A. (European Synchrotron Radiation Facility); GRZECHNIK, Andrzej (RWTH Aachen)

Presenter: HAKALA, Viliam (Forschungszentrum Jülich GmbH)

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