

CURRICULUM VITAE

Rasmus Tang Christiansen
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EDUCATION

University of Manchester

in collaboration with Institute Laue-Langevin and Centre de Recherche Paul Pascal

Doctorate degree, chemistry Feb 2021 - Jan 2024
Supervised by Dr. M. Baker, Dr. J. Ollivier and Dr. Hab. R. Clérac

University of Copenhagen

Master's degree, physics Sep 2018 - Dec 2020
Supervised by Prof. K. Lefmann and Prof. U. G. Nielsen

Bachelor's degree, physics Sep 2014 - Jan 2018
Supervised by Prof. K. Lefmann

SKILLS

Languages	Danish (native), English (fluent), French (conversational)
Software & Tools	Python, MatLab, Easyspin, SpinW (fundamentals) Mantid (fundamentals), Horace (fundamentals)
Exp. Methods	Inelastic Neutron Scattering, Electron Paramagnetic Resonance, Magnetometry, X-Ray Spectroscopy

EXPERIENCE

Allerød Gymnasium Aug 2019 - Jun 2020
High School Teacher

- Taught theoretical and practical physics classes at the high school level
- Adapted to virtual teaching during the Covid-19 pandemic

Experimentarium Nov 2016 - Aug 2019
Science Communicator

- Communicated a wide range of sciences, including physics, biology, and geology, to children and adults
- Routinely performed science shows for audiences of +100 people
- Facilitated science workshops for visiting schools

SCIENTIFIC CONTRIBUTIONS

Papers

- A. B. A. Andersen, **R. T. Christiansen**, S. Holm-Janass, A. S. Manvell, K. S. Pedersen, D. Sheptyakov, J. P. Embs, H. Jacobsen, E. Dachs, J. Vaara, K. Lefmann, and U. G. Nielsen: The Magnetic Properties of $\text{MAI}_4(\text{OH})_{12}\text{SO}_4 \cdot 3\text{H}_2\text{O}$ with $\text{M} = \text{Co}^{2+}$, Ni^{2+} , and Cu^{2+} Determined by a Combined Experimental and Computational Approach, *Phys. Chem. Chem. Phys.*, 2023, **25**, 3309-3322

Oral Contributions

- **R. T. Christiansen**, S.-Q. Wu, A.-L. Barra, O. Sato, R. Clérac, J. Ollivier, and M. L. Baker: Chemical Tailoring of Double Exchange in Mixed Valence Diiron Molecules, *contributed talk*, European Conference on Neutron Scattering, March 2023

- **R. T. Christiansen**, A. B. A. Andersen, K. S. Pedersen, E. Dachs, J. Bendix, K. Lefmann, and U. G. Nielsen: Magnetic Properties of $\text{MAl}_4(\text{OH})_{12}\text{SO}_4 \cdot 3\text{H}_2\text{O}$ with $\text{M} = \text{Co}^{2+}$, Ni^{2+} , and Cu^{2+} , *contributed talk*, UK Neutron Scattering Group Early Career Meeting, Aug 2020

OTHER WORK

FDF - Voluntary Youth Organisation

Sept 2010 - Dec 2021

Leader

- Head of local branch Jan 2020 - July 2020
- Facilitated and executed weekly local meetings for children of all ages
- Facilitated and executed biyearly national leadership training courses for teenagers since Jan 2018
- Board member of local organisation branches 2013-2015 and 2018-2021
- Facilitated and executed bimonthly lectures and workshops for young adults in the period 2013 - 2016

Bloom 2019 - Science and Nature Festival

May 2019

Facilitator

- Facilitated and executed workshops on differential equations aimed at children aged 11-16

EXTRA-CIRRICULAR

ILL PhD Student representative, July 2022 - June 2023

Co-supervision of a Master's student, Nov 2021 - May 2022 and Jan - June 2023

Mentor at the ILL/ESRF Summer School, Sep 2021 and Sep 2022

Military service Feb 2018 - May 2018

Semester at Danish folk high school "Silkeborg Højskole", Jan 2014 - May 2014