

**List of Publications of Thomas Prokscha, as of January 2024:**

Author and Co-author of 27 articles in Nature journals (Nature, Nat. Phys., Nat. Mat., Nat. Comm., Sci. Rep.), Science journals, and ACS Nano, and of 22 articles in Physical Review Letters/Physical Review X, 1 Book Chapter, 1 Review Article

**Published**

- 203) **Evidence for current suppression in superconductor-superconductor bilayers**  
Asaduzzaman M, McFadden RML, Valente-Feliciano AM, Beverstock DR, Suter A, Salman Z, Prokscha T, Junginger T  
**Superconductor Science and Technology** **37**, 025002 (2024),  
<https://doi.org/10.1088/1361-6668/ad1462>
- 202) **Efficient magnetic switching in a correlated spin glass**  
Krempasky J, Springholz G, D'Souza SW, Caha O, Gmitra M, Ney A, Vaz CAF, Piamontete C, Fanciulli M, Kriegner D, Krieger JA, Prokscha T, Salman Z, Minar J, Dil JH  
**Nature Communications** **14**, 6127 (2023), <https://doi.org/10.1038/s41467-023-41718-4>
- 201) **Emergent magnetism with continuous control in the ultrahigh-conductivity layers oxide PdCoO<sub>2</sub>**  
Brahlek M, Mazza AR, Annaberdiyev A, Chilcote M, Rimal G, Halász GB, Pham A, Pai YY, Krogel JT, Lapano J, Lawrie BJ, Eres G, McChesney J, Prokscha T, Suter A, Oh S, Freeland JW, Cao Y, Gardner JS, Salman Z, Moore RG, Ganesh P, Ward TZ  
**Nano Letters** **23**, 7279 (2023), <https://doi.org/10.1021/acs.nanolett.3c01065>
- 200) **Spin-orbit driven superconducting proximity effects in Pt/Nb thin films**  
Flokstra F, Stewart R, Yim C-M, Trainer C, Wahl P, Miller D, Statchell N, Burnell G, Luetkens H, Prokscha T, Suter A, Morenzoni E, Bobkova IV, Bobkov AM, Lee S  
**Nature Communications** **14**, 5081 (2023), <https://doi.org/10.1038/s41467-023-40757-1>
- 199) **Discovery of charge order in cuprate Mott insulator**  
Kang M, Zhang CC, Schierle E, McCoy S, Li J, Sutarto R, Suter A, Prokscha T, Salman Z, Weschke E, Cybart, S, Wei, JYT, Comin R  
**Proceedings of the National Academy of Sciences (PNAS)** **120**, e2302099120 (2023),  
<https://doi.org/10.1073/pnas.2302099120>
- 198) **Coupling of magnetic phases at nickelate interfaces**  
Dominguez C, Fowlie J, Georgescu AB, Mundet B, Jaouen N, Viret M, Suter A, Millis AJ, Salman Z, Prokscha T, Gibert M, Triscone J-M  
**Physical Review Materials** **7**, 065002 (2023),  
<https://doi.org/10.1103/PhysRevMaterials.7.065002>
- 197) **Defect profiling of oxide-semiconductor interfaces using low-energy muons**  
Martins MM, Kumar P, Woerle J, Ni X, Grossner U, Prokscha T  
**Advanced Materials Interfaces**, 2300209 (2023),  
<https://doi.org/10.1002/admi.202300209>
- 196) **Small sample measurements at the low energy muon facility of Paul Scherrer Institute**  
Ni X, Zhou L, Martins MM, Salman Z, Suter A, Prokscha T

- Nuclear Instruments & Methods A **1054**, 168399 (2023),  
<https://doi.org/10.1016/j.nima.2023.168399>
- 195) **Investigation of the SiO<sub>2</sub>-SiC Interface Using Low-Energy Muon-Spin-Rotation Spectroscopy**  
Kumar P, Martins MIM, Bathen ME, Woerle J, Prokscha T, Grossner U  
**Physical Review Applied** **19**, 054025 (2023),  
<https://doi.org/10.1103/PhysRevApplied.19.054025>
- 194) **Metal-insulator transition in composition-tuned nickel oxide films**  
Fowlie J, Georgescu AB, Suter A, Mundet B, Toulouse C, Jaouen N, Viret M, Domínguez C, Gibert M, Salman Z, Prokscha T, Alexander DTL, Kreisel J, Georges A, Millis AJ, Triscone JM  
**Journal of Physics: Condensed Matter** **35**, 304001 (2023),  
<http://dx.doi.org/10.1088/1361-648X/accd38>
- 193) **Hydrogen-impurity-induced unconventional magnetism in semiconducting molybdenum ditelluride**  
Krieger JA, Tay D, Rusinov IP, Barua S, Biswas PK, Korosec L, Prokscha T, Schmitt T, Schröter NBM, Shang T, Shiroka T, Suter A, Balakrishnan G, Chulkov EV, Strokov VN, Salman Z  
**Physical Review Materials** **7**, 044414 (2023),  
<http://dx.doi.org/10.1103/PhysRevMaterials.7.044414>
- 192) **Germanium array for non-destructive testing (GIANT) setup for muon-induced x-ray emission (MIXE) at the Paul Scherrer Institute**  
Gerchow L, Biswas S, Janka G, Vigo C, Knecht A, Vogiatzi SM, Ritjoho N, Prokscha T, Luetkens H, Amato A  
**Review of Scientific Instruments** **94**, 045106 (2023),  
<https://doi.org/10.1063/5.0136178>
- 191) **Depth-resolved measurements of the Meissner screening profile in surface-treated Nb**  
McFadden RML, Asaduzzaman M, Prokscha T, Salman Z, Suter A, Junginger T  
**Physical Review Applied** **19**, 044018 (2023),  
<https://doi.org/10.1103/PhysRevApplied.19.044018>
- 190) **Search for a space charge layer in thin film battery materials with low-energy muons**  
Sugiyama J, Nocerino E, Forslund OK, Sassa Y, Månsson M, Kobayashi S, Nishio K, Hitosugi T, Suter A, Prokscha T  
**Journal of Physics: conference series** **2462**, 012046 (2023),  
<https://doi.org/10.1088/1742-6596/2462/1/012046>
- 189) **Low energy measurements in low-energy  $\mu$ SR**  
Suter A, Mendes Martins M, Ni X, Prokscha T, Salman Z  
**Journal of Physics: conference series** **2462**, 012011 (2023),  
<https://doi.org/10.1088/1742-6596/2462/1/012025>
- 188) **Depth profiling of LE- $\mu$ SR parameters with musrfit**  
Mendes Martins M, Suter A, Salman Z, Prokscha, T  
**Journal of Physics: conference series** **2462**, 012025 (2023),  
<https://doi.org/10.1088/1742-6596/2462/1/012025>

- 187) **Low energy muon study of the p-n interface in chalcopyrite solar cells**  
Alberto HV, Vilão RC, Ribeiro EFM, Gil JM, Curado MA, Teixeira JP, Fernandes PA, Cunha JMV, Salomé PMP, Edoff M, Martins MI, Prokscha T, Salman Z, Weidinger  
**Journal of Physics: conference series** **2462**, 012047 (2023),  
<https://doi.org/10.1088/1742-6596/2462/1/012047>
- 186) **Thin film and surface preparation chamber for the low energy muons spectrometer**  
Teuschl H, Di Bernardo A, Lourenco LMO, Prokscha T, Vieira RB, Salman Z  
**Journal of Physics: conference series** **2462**, 012050 (2023),  
<https://doi.org/10.1088/1742-6596/2462/1/012050>
- 185) **The non-destructive investigation of a late antique knob bow fibula (Bügelknopffibel) from Kaiseraugst/CH using Muon Induced X-ray Emission (MIXE)**  
Biswas S, Megatli-Niebel I, Raselli L, Simke R, Cocolios TE, Deokar N, Elender M, Gerchow L, Hess H, Khasanov R, Knecht A, Luetkens H, Ninomiya K, Papa A, Prokscha T, Reiter P, Sato A, Severijns N, Shiroka T, Seidlitz M, Vogiatzi SM, Wang C, Wauters F, Nigel W, Amato A  
**Heritage Science** **11**, 43 (2023), <https://doi.org/10.1186/s40494-023-00880-0>
- 184) **Magnetic correlations in the magnetic topological insulator  $(\text{Cr},\text{Sb})_2\text{Te}_3$**   
Steinke N-J, Zhang SL, Baker PH, Duffy LB, Kronast F, Krieger J, Salman Z, Prokscha T, Suter A, Langridge S, van der Laan G, Hesjedal T  
**Physical Review B** **106**, 224425 (2022), <https://doi.org/10.1103/PhysRevB.106.224425>
- 183) **Measurement of the transition frequency from  $2\text{S}_{1/2}$ , F=0 to  $2\text{P}_{1/2}$ , F=1 states in Muonium**  
Janka G, Ohayon B, Cortenovis I, Burkely Z, de Sousa Borges L, Depero E, Golovizin A, Ni X, Salman Z, Suter A, Prokscha T, Crivelli P  
**Nature Communications** **13**, 7273 (2022), <https://doi.org/10.1038/s41467-022-34672-0>
- 182) **Spin Glass State in Strained  $\text{La}_{2/3}\text{Ca}_{1/3}\text{MnO}_3$  Thin Films**  
Lucas I, Marcano N, Prokscha T, Magén C, Corcuera R, Morellon L, De Teresa JM, Ibarra MR, Algarabel PA  
**Nanomaterials** **12**, 3646 (2022), <https://doi.org/10.3390/nano12203646>
- 181) **Intrinsic magnetism in superconducting infinite-layer nickelates**  
Fowlie J, Hadjimichael M, Martins MM, Li D, Osada M, Wang BY, Lee K, Lee Y, Salman Z, Prokscha T, Triscone JM, Hwang HY, Suter A  
**Nature Physics** **18**, (2022), <https://doi.org/10.1038/s41567-022-01684-y>
- 180) **Characterization of the Interfacial Defect Layer in Chalcopyrite Solar Cells by Depth-Resolved Muon Spin Spectroscopy**  
Alberto HV, Vilao RC, Ribeiro EFM, Gil JM, Curado MA, Teixeira JP, Fernando PA, Cunha MVC, Salomé PMP, Edoff M, Martins MI, Prokscha T, Salman Z, Weidinger A  
**Advanced Materials Interfaces**, 2200374 (2022), [10.1002/admi.202200374](https://doi.org/10.1002/admi.202200374)
- 179) **Depth-Resolved Study of the  $\text{SiO}_2$ - $\text{SiC}$  Interface Using Low-Energy Muon Spin Rotation Spectroscopy**  
Kumar P, Martins MI, Bathen ME, Woerle J, Prokscha T, Grossner U  
**Materials Science Forum** **1062**, 315 (2022).
- 178) **Simulation studies for upgrading a high-intensity surface muon beamline at Paul Scherrer Institute**

- Zhou LP, Ni XJ, Salman Z, Suter A, Tang JY, Vrankovic V, Prokscha T  
**Physical Review AB** **25**, 051601 (2022).
- 177) **Characterization of a Continuous Muon Source for the Non-Destructive and Depth-Selective Elemental Composition Analysis by Muon Induced X- and Gamma-rays**  
Biswas S, Gerchow L, Luetkens H, Prokscha T, Antognini A, Berger N, Cocolios TE, Dressler R, Indelicato P, Jungmann K, Kirch K, Knecht A, Papa A, Pohl R, Pospelov M, Rapisarda E, Reiter Peter, Ritjoh N, Rocci S, Severijns N, Skawran A, Vogiatzi SM, Wauters F, Willmann L, Amato A  
**Applied Sciences** **12**, 2541 (2022).
- 176) **Muon Spin Spectroscopy**  
Hillier AD, Blundell SJ, McKenzie I, Umegaki I, Shu L, Wright JA, Prokscha T, Bert F, Shimomura K, Berlie A, Alberto H, Watanabe I  
**Nature Reviews Methods Primer** **2**, 4 (2022).
- 175) **Low energy  $\mu$ SR**  
Prokscha T, Salman Z, Suter A  
**In: Muon Spectroscopy – An Introduction**  
Blundell SJ, De Renzi R, Lancaster T, Pratt, FL, Editors  
**Oxford University Press**, Oxford (2022).
- 174) **Precision Measurement of the Lamb Shift in Muonium**  
Ohayon B, Janka G, Cortinovis I, Burkley Z, de Sousa Borges L, Depero E, Golovizin A, Ni X, Salman Z, Suter A, Vigo C, Prokscha T, Crivelli P  
**Physical Review Letters** **128**, 011802 (2022).
- 173) **Unconventional Meissner screening induced by chiral molecules in a conventional superconductor**  
Alpern H, Amundsen M, Hartmann R, Sukenik N, Spuri A, Yochelis S, Prokscha T, Gutkin V, Anahory Y, Scheer E, Linder J, Salman Z, Millo O, Paltiel Y, Di Bernardo A  
**Physical Review Materials** **5**, 114801 (2021).
- 172) **Unveiling unconventional magnetism at the surface of  $\text{Sr}_2\text{RuO}_4$**   
Fittipaldi R, Hartmann R, Mercaldo MT, Komori S, Bjorlig A, Kyung W, Yasui Y, Miyoshi T, Olde Olthof LAB, Palomares Garcia CM, Granata V, Keren I, Higemoto W, Suter A, Prokscha T, Romano A, Noce C, Kim, C, Maeno Y, Scheer E, Kalisky B, Robinson JWA, Cuoco M, Salman Z, Vecchione A, Di Bernardo A  
**Nature Communications** **12**, 5792 (2021).
- 171) **Meissner screening as a probe for inverse superconductor-ferromagnet proximity effects**  
Flokstra MG, Stewart R, Satchell N, Burnell G, Luetkens H, Prokscha T, Suter A, Morenzoni E, Lee SL  
**Physical Review B** **104**, L060506 (2021).
- 170) **Observation of a molecular muonium polaron and its application to probing magnetic and electronic states**  
Rogers M, Prokscha T, Teobaldi G, Liborio L, Sturniolo S, Poli E, Jochym D, Stewart R, Flokstra M, Lee S, Ali M, Hickey BJ, Moorsom T, Cespedes O  
**Physical Review B** **104**, 064428 (2021).
- 169) **Structural properties and anion dynamics of yttrium dihydrides and photochromic oxyhydride thin films examined by in situ  $\mu^+\text{SR}$**

- Chaykina D, de Krom T, Colombi G, Schreuders H, Suter A, Prokscha T, Dam B, Eijt S  
**Physical Review B** **103**, 224106 (2021).
- 168) **Magnetic order of tetragonal CuO ultrathin films**  
Ortiz Hernandez N, Salman Z, Prokscha T, Suter A, Mardegan JRL, Moser S, Zakharova A, Piamonteze C, Staub U  
**Physical Review B** **103**, 224429 (2021).
- 167) **Sulfur-induced magnetism in FeSe<sub>1-x</sub>S<sub>x</sub> thin films on LaAlO<sub>3</sub>**  
Nabeshina F, Kawai Y, Shikama N, Sakishita Y, Suter A, Prokscha T, Park SE, Komiya S, Ichinose A, Adachi T, Maesa A  
**Physical Review B** **103**, 184504 (2021).
- 166) **Spin-singlet to triplet Cooper pair converter interface**  
Rogers M, Walton A, Flokstra MG, Al Ma'Mari F, Stewart R, Lee SL, Prokscha T, Caruana AJ, Kinane CJ, Langridge S, Bradshaw H, Moorsom T, Ali M, Burnell G, Hickey BJ, Cespedes O  
**Communication Physics** **4**, 69 (2021).
- 165) **Strain tuning of interorbital correlations in LaVO<sub>3</sub> thin films**  
Meley H, Tran M, Teyssier J, Krieger JA, Prokscha T, Suter A, Salman Z, Viret M, van der Marel D, Gariglio S  
**Physical Review B** **103**, 125112 (2021).
- 164) **Muon Interaction with Negative-U and High-Spin-State Defects: Differentiating Between C and Si Vacancies in 4H-SiC**  
Woerle J, Bathen ME, Prokscha T, Galeckas A, Ayedh HM, Vines L, Grossner U  
**Physical Review Applied** **14**, 054053 (2020).
- 163) **Front passivation of Cu(In,Ga)Se<sub>2</sub> solar cells using Al<sub>2</sub>O<sub>3</sub>: Culprits and benefits**  
Curado AM, Teixeira JP, Monteiro M, Ribeiro EFM, Vilão RC, Alberto HV, Cunha JMV, Lopes TS, Oliveira K, Donzel-Gargand O, Hultqvist A, Calderon S, Barreiros MA, Chiappim W, Leitão JP, Silva AG, Prokscha T, Vinhais C, Fernandes PA, Salomé, PMP **Applied Materials Today** **21**, 100867 (2020).
- 162) **Intense beam of metastable Muonium**  
Janka G, Ohayon B, Burkley Z, Gerchow L, Kuroda N, Ni, X, Nishi R, Salman Z, Suter A, Tuzi M, Vigo C, Prokscha T, Crivelli P  
**The European Physical Journal C** **80**, 804 (2020).
- 161) **Low-Energy Muons as a Tool for a Depth-Resolved Analysis of the SiO<sub>2</sub>/4H-SiC Interface**  
Woerle J, Prokscha T, Grossner U  
**Materials Science Forum** **1004**, 581 (2020).
- 160) **Direct Observation of Hole Carrier-Density Profiles and Their Light-Induced Manipulation at the Surface of Ge**  
Prokscha T, Chow KH, Salman Z, Stilp E, Suter A  
**Physical Review Applied** **14**, 014098 (2020).
- 159) **Experimental Study of the Magnetic Field Distribution and Shape of Domains Near the Surface of a Type-I Superconductor in the Intermediate State**  
Kozhevnikov V, Suter A, Prokscha T, Van Haesendonck C  
**Journal of Superconductivity and Novel Magnetism** (2020).  
<https://doi.org/10.1007/s10948-020-05576-1>

- 158) **Proximity-Induced Odd-Frequency Superconductivity in a Topological Insulator**  
Krieger JA, Pertsova A, Giblin SR, Döbeli M, Prokscha T, Schneider CW, Suter A, Hesjedal T, Balatsky AV, Salman Z  
**Physical Review Letters** **125**, 026802 (2020)
- 157) **CdS versus ZnSnO buffer layers for a CIGS solar cell: a depth-resolved analysis using the muon probe**  
Ribeiro E, Alberto HV, Vilão RC, Gil JM, Weidinger A, Salomé PMP, Prokscha T, Suter A, Salman Z  
**EPJ Web of Conferences** **233**, 05004 (2020)
- 156) **Reversible spin storage in metal oxide—fullerene heterojunctions**  
Moorsom T, Rogers M, Scivetti I, Bandaru S, Toebaldi G, Valvidares M, Flokstra M, Lee S, Stewart R, Prokscha T, Gargiani P, Alosaimi N, Stefanou G, Ali M, Al Ma'Mari F, Burnell G, Hickey BJ, Cespedes O  
**Science Advances** **6**, eaax1085 (2020)
- 155) **Muon implantation experiments in thin films: Obtaining depth-resolved information**  
Simões, AFA, Alberto HV, Vilão RC, Gil JM, Cunha JMV, Curado MA, Salomé PMP, Prokscha T, Suter A, Salman Z  
**Review of Scientific Instruments** **91**, 023906 (2020)
- 154) **Kubo spins in nanoscale aluminum grains: A muon spin relaxation study**  
Bachar N, Levy A, Prokscha T, Suter A, Morenzoni E, Salman Z, Deutscher G  
**Physical Review B** **101**, 024424 (2020)
- 153) **Intertwined magnetic, structural, and electronic transitions in V<sub>2</sub>O<sub>3</sub>**  
Kalcheim Y, Frandsen BA, Valmianski I, McLeod AS, Guguchia Z, Cheung SC, Hallas AM, Wilson MN, Cai Y, Luke GM, Salman Z, Suter A, Prokscha T, Murakami T, Kageyama H, Basov DN, Schuller IK, Uemura YJ  
**Physical Review B** **100**, 235136 (2019)
- 152) **Interaction of low-energy muons with defect profiles in proton-irradiated Si and 4H-SiC**  
Woerle J, Prokscha T, Hallen A, Grossner U  
**Physical Review B** **100**, 115202 (2019)
- 151) **Manifestation of the electromagnetic proximity effect in superconductor-ferromagnet thin film structures**  
Flokstra MG, Stewart, Satchell N, Burnell G, Luetkens H, Prokscha T, Suter A, Morenzoni E, Langridge S, Lee SL  
**Applied Physics Letters** **115**, 072602 (2019)
- 150) **Controlling the electromagnetic proximity effect by tuning the mixing between superconducting and ferromagnetic order**  
Stewart R, Flokstra MG, Rogers M, Satchell N, Burnell G, Miller D, Luetkens H, Prokscha T, Suter A, Morenzoni E, Lee SL  
**Physical Review B** **100**, 020505(R) (2019)
- 149) **Phase transition in the cuprates from a magnetic-field-free stiffness meter viewpoint**  
Kapon I, Salman Z, Mangel I, Prokscha T, Gavish N, Keren A  
**Nature Communications** **10**, 2364 (2019)

- 148) **Critical fields of Nb<sub>3</sub>Sn prepared for superconducting cavities**  
Keckert S, Junginger T, Buck T, Hall D, Kolb P, Kugeler O, Laxdal R, Liepe M, Posen S, Prokscha T, Salman Z, Suter A, Knobloch J  
**Superconductor Science and Technology** **32**, 075004 (2019)
- 147) **Engineering the magnetic order in epitaxially strained Sr<sub>1-x</sub>Ba<sub>x</sub>MnO<sub>3</sub> perovskite thin films**  
Maurel L, Marcano N, Langenberg E, Guzman R, Prokscha T, Magén C, Pardo JA, Algarabel PA  
**APL Materials** **7**, 041117 (2019)
- 146) **Evidence for the homogeneous ferromagnetic phase in (Ga,Mn)(Bi,As) epitaxial layers from muon spin relaxation spectroscopy**  
Levchenko K, Prokscha T, Sadowski J, Radelytskyi I, Jakiela R, Trzyna M, Andrearczyk T, Figielski T, Wosinski T  
**Scientific Reports** **9**, 3394 (2019)
- 145) **Do topology and ferromagnetism cooperate at the EuS/Bi<sub>2</sub>Se<sub>3</sub> interface?**  
Krieger JA, Ou Y, Caputo M, Chikina A, Döbeli M, Husanu MA, Keren I, Prokscha T, Suter A, Chang C, Moodera JS, Strocov VN, Salman Z  
**Physical Review B** **99**, 064423 (2019)
- 144) **Search for the Magnetic Monopole at a Magnetoelectric Surface** Meier QN, Fechner M, Nozaki T, Sahashi M, Salman Z, Prokscha T, Suter A, Schoenherr P, Lilienblum M, Borisov P, Dzyaloshinskii IE, Fiebig M, Luetkens H, Spaldin NA  
**Physical Review X** **9**, 011011 (2019)
- 143) **Intrinsic or Interface Clustering-Induced Ferromagnetism in Fe-Doped In<sub>2</sub>O<sub>3</sub> - Diluted Magnetic Semiconductors**  
Luo X, Tseng L, Wang Y, Bao N, Lu Z, Ding X, Zheng R, Du Y, Huang K, Shu L, Suter A, Lee W, Liu R, Ding J, Suzuki K, Prokscha T, Morenzoni E, Yi J  
**ACS APPLIED MATERIALS & INTERFACES** **10**, 22372 (2018)
- 142) **Collective magnetism in an artificial 2D XY spin system**  
Leo N, Holenstein S, Schildknecht D, Sendetskyi O, Luetkens H, Derlet PM, Scagnoli V, Lancon D, Mardegan JR, Prokscha T, Suter A, Salman Z, Lee S, Heyderman J  
**Nature Communications** **9**, 2850 (2018)
- 141) **Direct evidence of superconductivity and determination of the superfluid density in buried ultrathin FeSe grown on SrTiO<sub>3</sub>**  
Biswas PK, Salman Z, Song Q, Peng R, Zhang J, Shu L, Feng DL, Prokscha T, Morenzoni E  
**Physical Review B** **97**, 174509 (2018)
- 140) **Investigation of Hydrogen-Like Muonium States in Nb-Doped SnO<sub>2</sub> Films**  
Rabis A, Prokscha T, Fabbri E, Salman Z, Schmidt T, Suter A  
**JPS Conference Proceedings** **21**, 011033 (2018)
- 139) **LE-muSR Study of Superconductivity in the Thin Film Battery Material LiTi<sub>2</sub>O<sub>4</sub>**  
Måansson M, Forslund OK, Nozaki H, Umegaki I, Shiraki S, Hitosugi T, Prokscha T, Salman Z, Suter A, Sassa Y, Sugiyama J  
**JPS Conference Proceedings** **21**, 011025 (2018)
- 138) **Li-Diffusion in Spinel Li[Ni 1/2 Mn 3/2 ]O<sub>4</sub> Powder and Film Studied with uSR**  
Sugiyama J, Nozaki H, Umegaki I, Mukai K, Cottrell SP, Shiraki S, Hitosugi T, Sassa Y,

- Suter A, Salman Z, Prokscha T, Måansson M  
**JPS Conference Proceedings** **21**, 011015 (2018)
- 137) **Observation of Anomalous Meissner Screening in Cu/Nb and Cu/Nb/Co Thin Films**  
Flokstra MG, Stewart R, Satchell N, Burnell G, Luetkens H, Prokscha T, Suter A, Morenzoni E, Langridge S, Lee SL  
**Physical Review Letters** **120**, 247001 (2018)
- 136) **Quasistatic antiferromagnetism in the quantum wells of SmTiO<sub>3</sub>/SrTiO<sub>3</sub> heterostructures**  
Need RF, Marshall PB, Kenney E, Suter A, Prokscha T, Salman Z, Kirby Brian J, Stemmer S, Graf Michael J, Wilson SD  
**npj Quantum Materials** **3**, 7 (2018)
- 135) **Search for d0-Magnetism in Amorphous MB<sub>6</sub> (M=Ca,Sr, Ba) Thin Films**  
Suter A, Ackland K, Stilp E, Prokscha T, Salman Z, Coey M  
**JPS Conference Proceedings** **21**, 011003 (2018)
- 134) **Slow-muon study of quaternary solar-cell materials: Single layers and p-n junctions**  
Alberto HV, Vilão RC, Vieira RBL, Gil JM, Weidinger A, Sousa MG, Teixeira JP, da Cunha AF, Leitão JP, Salomé PMP, Fernandes PA, Törndahl T, Prokscha T, Suter A, Salman Z  
**Physical Review Materials** **2**, 025402 (2018)
- 133) **Strain-induced competition between ferromagnetism and emergent antiferromagnetism in (Eu,Sr)MnO<sub>3</sub>**  
Grutter AJ, Disseler SM, Moon EJ, Gilbert DA, Arenholz E, Suter A, Prokscha T, Salman Z, Kirby BJ, May SJ  
**Physical Review Materials** **2**, 094402 (2018)
- 132) **Superconducting Properties of Cu Intercalated Bi<sub>2</sub>Se<sub>3</sub> Studied by Muon Spin Spectroscopy**  
Krieger JA, Kanigel A, Ribak A, Pomjakushina E, Chashka Khanan B, Conder K, Morenzoni E, Prokscha T, Suter A, Salman Z  
**JPS Conference Proceedings** **21**, 011028 (2018)
- 131) **Superconductivity drives magnetism in delta-doped La<sub>2</sub>CuO<sub>4</sub>**  
Suter A, Logvenov G, Boris AV, Baiutti F, Wrobel F, Howald L, Stilp E, Salman Z, Prokscha T, Keimer B  
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**PSI Technical Reports (unpublished)**

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