

Publications

▪ publications in 2020

5) G. Kremer, T. Jaouen, B. Salzmänn, L. Nicolaï, **M. Rumo**, C. W. Nicholson, B. Hildebrand, J. H. Dil, J. Minár, G. Springholz, J. Krempaský, and C. Monney, Unveiling the complete dispersion of the giant Rashba split surface states of ferroelectric α -GeTe(111) by alkali doping, [arXiv:2004.01667](https://arxiv.org/abs/2004.01667), [Phys. Rev. Research **2**, 033115 \(2020\)](https://doi.org/10.1103/PhysRevResearch.2.033115).

4) **M. Rumo**, C.W. Nicholson, A. Pulkkinen, B. Hildebrand, G. Kremer, B. Salzmänn, M.-L. Mottas, K.Y. Ma, E L. Wong, M.K.L. Man, K. M. Dani, B. Barbiellini, M. Muntwiler, T. Jaouen, F. O. von Rohr, and C. Monney, Examining the surface phase diagram of IrTe₂ with photoemission, [Phys. Rev. B **101**, 235120](https://doi.org/10.1103/PhysRevB.101.235120)

▪ publications in 2019

3) T. Jaouen, **M. Rumo**, B. Hildebrand, M.-L. Mottas, C. W. Nicholson, G. Kremer, B. Salzmänn, F. Vanini, C. Barreateau, E. Giannini, H. Beck, P. Aebi, and C. Monney, Unveiling the Semimetallic Nature of 1T-TiSe₂ by Doping its Charge Density Wave, <https://arxiv.org/abs/1911.06053>

2) T. Jaouen, B. Hildebrand, M.-L. Mottas, M. Di Giovannantonio, P. Ruffieux, **M. Rumo**, C. W. Nicholson, E. Razzoli, C. Barreateau, A. Ubaldini, E. Giannini, F. Vanini, H. Beck, C. Monney, P. Aebi, Phase separation in the vicinity of Fermi surface hot spots, [Phys. Rev. B **100**, 075152 \(2019\)](https://doi.org/10.1103/PhysRevB.100.075152).

1) M.-L. Mottas, T. Jaouen, B. Hildebrand, **M. Rumo**, F. Vanini, E. Razzoli, E. Giannini, C. Barreateau, D. R. Bowler, C. Monney, H. Beck, P. Aebi, Semimetal-to-semiconductor transition and charge-density-wave melting in 1T-TiSe₂-xSx single crystals, [Phys. Rev. B **99**, 155103 \(2019\)](https://doi.org/10.1103/PhysRevB.99.155103).