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Strongly Disorder Superconductors and Electronic Segregation (Leiden 2011).
- 23- Pair breaking effects in Ba(Fe,Ni)₂As₂ single crystals
P.Rodière, T.Klein, Z.Wang, C.Marcenat, K.Hasselbach, H.Wen
13th International Workshop on Vortex Matter in Superconductors (Chicago 2011).
- 24- Transition du premier ordre pilotée par le désordre dans l'état mixte de MgB₂
T.Klein, R.Marlaud, H.Cercellier, C.Marcenat *et al.*
Congrès général de la Société Française de Physique (Bordeaux 2011).

- 25- An experimental approach to some electronic phase transitions in diamond
E. Bustarret, J. Bousquet, C. Marcenat, T. Klein
Workshop on Tuning Superconductivity in Doped Semiconductors (Bremen 2013).
- 26- Thickness dependence of the critical temperature in Si:B and C:B
T.Klein, A.Grockowiak, J.Bousquet, E.Bustarret, F.Chiodi, C.Marcenat
International Workshop on Strongly Disordered Superconductors (Autrans 2014).
- 27- Thermodynamic phase diagram of underdoped ortho-II YBaCuO in high fields
C.Marcenat, T.Klein, A.Demuer
International Conference on Research in High Magnetic Fields (Grenoble 2015).
- 28- Toward all-Silicon Superconducting Electronics
C.Marcenat, F. Lefloch, T. Klein, B. Sacépé, S. Ono
Quantum Engineering Science and Technologies Symposium (Singapore 2016).
- 29- Thermodynamic properties of the normal state of high- T_c superconductors
T.Klein, C.Marcenat, L.Taillefer
International Conference on Strongly Correlated Electronic Systems (Okayama 2019).
- 30- AC calorimetry under extreme conditions: application to high- T_c superconductors
C.Marcenat and T.Klein
The Seventy Fourth Calorimetry Conference (Santa Fe 2019).

Autres conférences internationales

- 1- Anomalous Transport and Magnetic Properties of icosahedral single grains
T.Klein, C.Berger, F.Cyrot-Lackmann, Y.Calvayrac, G.Fillion, *Physica B*, 165, 285 (1990)
19th International Conference on Low Temperature Physics (Brighton 1990).
- 2- High magnetic field measurements in AlCuFe quasicrystals
H.Rakoto, T.Klein, G.Fourcaudot, F.Cyrot-Lackmann, *Physica B*, 177, 516 (1992)
Research in High Magnetic Field Symposium (Amsterdam 1991).
- 3- Transport and thermodynamic properties near a metal-insulator transition
T.Klein, C.Berger *et al.*, *Journal of Non Crystalline Solids*, 153-154, 635 (1993)
4th International Conference on Quasicrystals (Saint Louis 1992).
- 4- Electronic properties and the role of d-states in quasicrystals
D.Mayou [...] T.Klein, *Journal of Non Crystalline Solids*, 153-154, 412 (1993)
4th International Conference on Quasicrystals (Saint Louis 1992).
- 5- Atomic dynamics of icosahedral and tetragonal phases a comparative study
T.Klein, G.Pares, J.B.Suck, *Journal of Non Crystalline Solids*, 153-154, 562 (1993)
4th International Conference on Quasicrystals (Saint Louis 1992).
- 6- Electronic properties of quasicrystals: towards a semiconducting quasicrystal
T.Klein, C.Berger *et al.*, *Journal of Non Crystalline Solids*, 156-158, 901 (1993)
8th International Conference on Liquids and Amorphous Metals (Wien 1992).
- 7- Pinning and vortex dynamics in in (K,Ba)BiO₃ single crystals
T.Klein, L.Baril, C.Escribe-Filippini, *J. of Low Temperature Physics*, 105, 1067 (1996)
International Conference on Molecular and Oxyde Superconductors (Karlsruhe 1996).

- 8- Andreev reflection on the Ag-BaPbBiO₃ microconstrictions
P.Szabo, P.Samuely [...] T.Klein, Journal of Low Temperature Physics, 106, 314 (1997)
Weak Superconductivity Symposium (Smolevice 1996).
- 9- Fishtail and flux creep phenomena in the (K,Ba)BiO₃ superconductor
T.Klein, W.Harneit, L.Baril, J.Marcus, C.Escribe-Filippini, Physica C, 282, 220 (1997)
5th International Conference on High T_c Superconductivity (Beijing 1997).
- 10- Upper critical field in the (Ba,K)BiO₃ superconductor
P.Samuely, P.Szabo, T.Klein, J.Marcus, C.Escribe-Filippini, Physica C, 282, 2049 (1997)
5th International Conference on High T_c Superconductivity (Beijing 1997).
- 11- Vortex-Glass transition and Fishtail Effect in (Ba,K)BiO₃
I.Joumard, T.Klein, P.Samuely, P.Szabo, H.Rakoto *et al.*, Physica C, 317-318, 436 (1999)
1st Euroconference on Anomalous Complex Superconductors (Crete 1998).
- 12- Small Angle Neutron Scattering and magnetization measurements
T.Klein, I.Joumard, J.Marcus, R.Cubitt, Journal of Low Temp. Physics, 117, 1353 (1999)
International Conference on Molecular and Oxide Superconductors (Stockholm 1999).
- 13- Multiterminal measurements of vortex correlations in (K,Ba)BiO₃
A.Rydh, T.Klein, I.Joumard, O.Rapp, Physica C, 341-348, 1233 (2000)
6th International Conference on High T_c Superconductivity (Houston 2000).
- 14- Reversible Magnetization in the (K,Ba)BiO₃ Superconductor
I.Joumard, T.Klein, A.Conde-Gallardo, A.Sulpice, Physica C, 341-348, 1067 (2000)
6th International Conference on High T_c Superconductivity (Houston 2000).
- 15- Neutron Diffraction Near the Entanglement Transition in (K,Ba)BiO₃
I.Joumard, T.Klein, J.Marcus, R.Cubitt, Physica C, 341-348, 2131 (2000)
6th International Conference on High T_c Superconductivity (Houston 2000).
- 16- Thermodynamic phase diagram of (K,Ba)BiO₃
S.Blanchard, C.Marcenat, J.Marcus, T.Klein, Physica C, 369, 193 (2002)
Vortices at Extreme Scales & Conditions (Crete 2001).
- 17- The upper critical field and transport in MgB₂
P.Szabo, P.Samuely, A.G.M.Jansen, T.Klein *et al.*, Physica C, 369, 250 (2002)
Vortices at Extreme Scales & Conditions (Crete 2001).
- 18- Transport in MgB₂ in high magnetic fields
P.Szabo, P.Samuely, T.Klein *et al.*, Int. Journal of Modern Physics B, 16, 3222 (2002)
Physical Phenomena at High Magnetic Fields IV (Santa Fe 2001).
- 19- Vortex glass transition versus irreversibility line in superconducting (K,Ba)BiO₃
P.Szabo, J.Kačmarčík, T.Klein *et al.*, Int. Journal of Modern Physics B, 16, 3221 (2002)
Physical Phenomena at High Magnetic Fields IV (Santa Fe 2001).
- 20- Andreev Reflection study in MgB₂
P.Szabo [...] T.Klein *et al.*, Superconducting Science and Technology, 16, 162 (2003)
International Workshop on Superconductivity in Magnesium Diboride (Genova 2002).
- 21- Upper critical field in single crystal MgB₂
L.Lyard [...] T.Klein *et al.*, Superconducting Science and Technology, 16, 193 (2003)
International Workshop on Superconductivity in Magnesium Diboride (Genova 2002).

- 22- Point Contact Spectroscopy of MgB₂ in high Magnetic fields
P.Szabo, P.Samuely, J.Kačmarčík, T.Klein *et al.*, Physica C, 388, 145 (2003)
23rd International Conference on Low Temperature Physics (Hiroshima 2002)
- 23- Irradiation-induced changes in the vortex phase diagram of YBaCuO
L.Paulius, C.Marcenat, W.Kwok, T.Klein, G.Crabtree, Physica B, 329, 1344 (2003)
23rd International Conference on Low temperature Physics (Hiroshima 2002).
- 24- Superconducting phase diagram of single crystal MgB₂
U.Welp, A.Rydh, G.Karapetrov, [...] T.Klein *et al.*, Physica C, 387, 137 (2003)
US Workshop on Superconductivity and Magnetism of Advanced Mat. (Ladec 2002).
- 25- Andreev reflection spectroscopy of MgB₂ in the vortex state
P.Samuely, P.Szabo, J.Kačmarčík, T.Klein, Physica C, 404, 460 (2004)
Vortex Matter at Extreme Scales & Conditions (Crete 2003).
- 26- Anomalous field dependence of the Sommerfeld coefficient in (K,Ba)BiO₃
T.Klein, C.Marcenat, F.Bouquet, A.Junot, J.Marcus, Physica C, 408, 731 (2004)
7th International Conference on High T_c Superconductivity (Rio de Janeiro 2003).
- 27- Linear and non-linear AC response of the vortex matter in MgB₂ single crystals
L.Lyart, T.Klein, J.Marcus, C.Marcenat, K.H.P.Kim, S.I.Lee, Physica C, 408, 93 (2004)
7th International Conference on High T_c Superconductivity (Rio de Janeiro 2003).
- 28- Magnetic profiles in magnesium diboride single crystals
L.Lyart, T.Klein, J.Marcus, C.Marcenat, Czechoslovak Journal of Physics, 54, D431 (2004)
12th Czech and Slovak conference on magnetism (Kosice 2004).
- 29- Superconductivity in boron doped homoepitaxial (100)- orientated diamond films
J.Kačmarčík [...] T.Klein, Physica Status Solidi A, Materials Sciences, 202(11), 2160 (2005)
10th International Conference on Surface and Bulk Defects in Diamond (Hasselt 2004).
- 30- Influence of Al Doping on the critical fields in MgB₂
T.Klein, C.Marcenat, L.Lyart *et al.*, AIP Conference Proceedings Series, 850, 595 (2006)
24th International Conference on Low Temperature Physics (Orlando 2005).
- 31- Influence of Al doping on the gap values in MgB₂ single crystals
T.Klein, Z.Pribulová, C.Marcenat, L.Lyart *et al.*, Physica C, 460, 562 (2007)
8th Int. Conference on Material and Mechanisms of Superconductivity (Dresden 2006).
- 32- AC micro calorimetry of superconducting MgCNi₃ single crystals
J.Kačmarčík, Z.Pribulová [...] T.Klein *et al.*, Acta Physica Polonica, 113, 363 (2008)
13th Czech and Slovak Conference on Magnetism (Kosice 2007).
- 33- Superconductivity in heavily boron-doped single crystalline diamond thin films
P.Achatz, C.Marcenat, E.Bustarret, T.Klein *et al.*
March Meeting of the American Physical Society (New Orleans 2008).
- 34- Superconductivity in MgCNi₃. Tunneling and heat capacity on crystals
P.Samuely, Z.Pribulová, J.Kačmarčík, P.Szabo, C.Marcenat, T.Klein *et al.*
March Meeting of the American Physical Society (New Orleans 2008).
- 35- Superconducting energy gap in MgCNi₃ single crystals
J.Kačmarčík [...] T.Klein *et al.*, Journal of Physics and Chemistry of Solids, 69, 3011 (2008)
Spectroscopies in Novel Superconductors (Sendai 2007).

- 36- Hall probe magnetization and specific heat measurements in NdFeAs(O,F) crystals
T.Klein, Z.Pribulová, J.Kačmarčík, C.Marcenat *et al.*
1st Int. Conference on FeAs Supercond. Multilayers and Related Phenomena (Rome 2008).
- 37- Specific heat of superconducting MgCNi₃ single crystals
J.Kačmarčík [...] T.Klein, and S.I.Lee, Journal of Physics – Conf. Series, 150, 052087 (2009)
25th International Conference on Low Temperature Physics (Amsterdam 2008).
- 38- Studies on two gap superconductivity in 2H-NbS₂
J.Kačmarčík, C.Marcenat, T.Klein, P.Rodière, P.Samuely, Physica C, 470, S719 (2010)
9th Int. Conference on Materials and Mechanisms of Superconductivity (Tokyo 2009).
- 39- Two gap superconductivity in 2H-NbS₂
Z.Pribulová, M.Leroux [...] T.Klein *et al.*, Acta Physica Polonica A, 118, 1024 (2010)
14th Czech and Slovak Conference on Magnetism (Kosice 2010).
- 40- The superconducting transition in boron doped silicon films
T.Kociniewski [...] T.Klein, C.Marcenat, Acta Physica Polonica A, 118, 1026 (2010)
14th Czech and Slovak Conference on Magnetism, (Kosice 2010).
- 41- Anisotropy of the critical fields in 2H-NbS₂
M.Leroux, P.Rodière, T.Klein, Physica B, 407, 1813 (2012)
International School and Workshop on Electronic Crystals (Cargèse 2011).
- 42- Soft Phonon mode and superconducting properties of 2H-NbSe₂
M.Leroux, P.Diener, T.Klein, M.Le Tacon *et al.*
Strongly correlated Electronic Systems Conference (Cambridge 2011).
- 43- Thermodynamic upper critical field of FeTe_{0.5}Se_{0.5} single crystals up to 28T
D.Braithwaite, A.Demuer, T.Klein, W.Knafo, G.Lapertot, C.Marcenat *et al.*
Strongly Correlated Electron Systems Conference (Cambridge 2011).
- 44- Thermodynamic and Magnetic Properties of Single Crystals of Ba(Fe,Ni)₂As₂
P.Rodière, T.Klein, L.Lumberger, C.Marcenat, Z-S.Wang, K.Hasselbach *et al.*
International Conference on Superconductivity and Magnetism (Istanbul 2012).
- 45- Superconductivity in thin diamond films: dimensionality vs disorder effects
J.Bousquet, T.Klein, C.Marcenat, A.Fiori, G.Chicot, J.Pernot, E.Bustarret
Fall Meeting of Materials Research Society (Boston 2012).
- 46- Physical properties of heavily boron doped silicon
A.Grockowiak, C.Marcenat, T.Klein, G.Prudon, T.Kociniewski, D.Debarre
March Meeting of the American Physical Society (Boston 2012).
- 47- H-T Phase Diagram and Vortex Creep in Fe(Se,Te) Single Crystals
T.Klein, C.Marcenat, H.Cercellier, A.Demuer, P.Toulemonde
Gordon Conference on Superconductivity (Les Diablerets, 2013).
- 48- Superconductivity in the misfit compound of (LaSe)_{1.14}(NbSe₂)
P.Samuely, P.Szabo, J.Kacmarcik, Z.Pribulova, [...] T.Klein, L.Cario
March Meeting of the American Physical Society (Baltimore 2013).
- 49- Local Magnetometry of CuTiSe₂
Z.Pribulova, Z.Medvecká, T.Klein *et al.*, Acta Physica Polonica A, 126, 370 (2014).
15th Czech and Slovak Conference on Magnetism (Kosice 2013).

- 50- Gas Immersion Laser Doping for superconducting nanodevices
F.Chiodi, A.Grockowiak, T.Klein *et al.*, Applied Surface Sciences, 302, 209 (2014)
Conference of the European Material Research Society (Varsovie 2013).
- 51- Thermodynamic phase diagram of ortho-II YBaCuO in high magnetic fields
C.Marcenat, T.Klein, A.Demuer, K.Beauvois, A.Grockowiak *et al.*
International Conference on Strongly Correlated Electron Systems (Grenoble 2014).
- 52- Non-equilibrium conductance oscillations in PCS of Ni doped 122 pnictides
H.Cercellier, H.Grasland, H.-Q.Luo, H.-H.Wen, K.Hasselbach, T. Klein
International Conference on Strongly Correlated Electron Systems (Grenoble 2014).
- 53- Thermodynamic phase diagram in underdoped YBa₂Cu₃O_{6.54} single crystals
T.Klein, C. Marcenat and A.Demuer
11st Int. Conference on Materials and Mechanisms of Superconductivity (Genève 2015).
- 54- High-field specific heat of YBCO in the CDW phase
B.Michon, T.Klein and C.Marcenat
Spectroscopies in Novel Superconductors (Ludwigsburg 2016).
- 55- Dynamically current-driven de Gennes–Saint James states in NS junctions
H.Cercellier, H.Grasland and T.Klein
Spectroscopies in Novel Superconductors (Ludwigsburg 2016).
- 56- Interplay between Superconductivity and Charge Density Waves in Cu-TiSe₂
Z Medvecká, Z Pribulová, P Szabó, J Kačmarčík, T Klein *et al.*
Superstripes (Ischia, 2016).
- 57- Thermodynamic signature of quantum criticality in cuprates
B. Michon, C. Girod, S. Badoux, J. Kačmarčík [...] C. Marcenat, L. Taillefer, T. Klein
International Conference on Strongly Correlated Electron Systems (Prague 2017).
- 58- The subgap KID, on-chip spectroscopy at centrimetric wavelengths
A. Monfardini, O. Dupre, [...] T. Klein, L. Le Calvez, B. Sacepe, F. Levy-Bertrand, A. Gomez
17th International Workshop on Low Temperature Detectors (Fukuoka 2017).
- 59-Tunable sub-gap radiation detection with superconducting resonators
O.Dupré, A.Benoît, [...] T.Klein, K.Le Calvez, B.Sacépé, A.Monfardini, F.Levy-Bertrand
28th International Conference on Low Temperature Physics (Goteborg 2017).
- 60- Thermodynamic signature of quantum criticality in cuprates
B. Michon, C. Girod, S. Badoux, J. Kačmarčík [...] C. Marcenat, L. Taillefer, T. Klein
28th International Conference on Low Temperature Physics (Goteborg 2017).
- 61- The sub-gap KID (SKID): on-chip spectroscopy at centimetric wavelengths
A Monfardini, O Dupre, A Benoit, [...] T Klein *et al.*
17th International Workshop on Low Temperature Detectors (Fukuoka, 2017)
- 62- Thermodynamic signature of quantum criticality in cuprates
B. Michon, C. Girod, S. Badoux, J. Kačmarčík [...] C. Marcenat, L. Taillefer, T. Klein
12th Int. Conference on Materials and Mechanisms of Superconductivity (Beijing 2018).
- 63- Interplay between superconductivity and charge order in YBaCuO
T.Klein, I.Vinograd, B.Michon, M-H.Julien, L.Taillefer, C.Marcenat
Gordon Conference on Superconductivity (Les Diablerets, 2019).

- 64- Quantum Critical Point in the Pseudogap Phase of High T_c Cuprates Superconductors
C.Girod, B.Michon, C.Marcenat, L.Taillefer, T.Klein
Gordon Conference on Superconductivity (Les Diablerets, 2019).
- 65- Vortex lattice melting in FeSe
L.Doussoulin, F.Hardy, C.Meingast, C.Marcenat, T.Klein
Gordon Conference on Superconductivity (Les Diablerets, 2019).
- 66- Influence of the quasiparticle spectral weight on the superconducting properties of FeSe
H.Cercellier, P.Rodière, C.Marcenat, T.Klein
Gordon Conference on Superconductivity (Les Diablerets, 2019).
- 67-Entropy near the magnetization plateau of $\text{SrCu}_2(\text{BO}_3)_2$
S.Imajo, T.Kihara, S.Nakamura, C.Marcenat, T.Klein, N.Matsuyama, and Y.Kohama
Int. Workshop on Quantum Magnets in Extreme Conditions (Tokyo 2021).
- 68-Vortex-lattice melting in Fe(Se,S) superconductors: the genuine (H,T) phase diagram
F.Hardy, L.Doussoulin, T.Klein, [...] and C.Marcenat
March Meeting of the American Physical society (Chicago, 2022).
- 69-Modulation calorimetry in dilution temperatures
Z. Pribulová, J. Kačmarčík, P. Skyba, B. Fauque, [...] T. Klein, and Ch. Marcenat
29th International Conference on Low Temperature Physics (Sapporo 2022).
- 70-Anomalies in the Quantum Limit of the Weyl Semimetal TaAs
J. Kačmarčík, Z. Medvecká, E. Hassinger, A. Pourret, G. Seyfarth, T. Klein, and C. Marcenat
29th International Conference on Low Temperature Physics (Sapporo 2022).
- 71- Field-induced superconducting phases in UTe_2
A. Rosuel, C. Marcenat, G. Knebel, T. Klein, [...] J-P. Brison
International Conference on Strongly Correlated Electronic Systems (Amsterdam 2022).