

Cedomir Petrovic (Чедомир Петровић) – PUBLICATION LIST
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112. Vortex lattice studies of CeCoIn₅ for H orthogonal to c-axis

P. Das, J. S. White, A. T. Holmes, E. M. Forgan, A. D. Bianchi, M. Kenzelmann, M. Zolliker, S. Gerber, J. L. Gavilano, E. D. Bauer, J. L. Sarrao, C. Petrovic, and M. R. Eskildsen

Phys. Rev. Lett. *in press* (2012)

111. Two dimensional Dirac fermions and quantum magnetoresistance in CaMnBi₂

Kefeng Wang, D. Graf, Limin Wang, H. C. Lei, S. W. Tozer and C. Petrovic

Phys. Rev. B 85, 041101 (2011)

110. Giant increase in critical current density in K_xFe_{2-y}Se₂ crystals

Hechang Lei and C. Petrovic

Phys. Rev. B 84, 212502 (2011)

109. Phonon and magnon excitations in block antiferromagnetic K_{0.88}Fe_{1.63}S₂ single crystals

N. Lazarevic, Hechang Lei, C. Petrovic and Z. V. Popovic

Phys. Rev. B 84, 214305 (2011)

108. Anisotropy in BaFe₂Se₃ single crystals with double chains of FeSe tetrahedra

Hechang Lei, Hyejin Ryu, A. I. Frenkel and C. Petrovic

Phys. Rev. B 84, 214511 (2011)

107. Spin singlet state of electrons in filled skutterudites

V. G. Storchak, O. E. Parfenov, D. G. Eshchenko, S. L. Stubbs, R. Gumeniuk, W. Schnelle, Rongwei Hu and C. Petrovic

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106. Quantum transport of two dimensional Dirac fermions in SrMnBi₂

Kefeng Wang, D. Graf, Hechang Lei, S. W. Tozer and C. Petrovic

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105. Lateral imaging of the superconducting vortex lattice using Doppler-modulated scanning tunneling microscopy

I. Fridman, C. Kloc, C. Petrovic and J. Y. T. Wei

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104. Upper critical fields and superconducting anisotropy of K_{0.70}Fe_{1.55}Se_{1.01}S_{0.99} and K_{0.76}Fe_{1.61}Se_{0.96}S_{1.04} single crystals

Hechang Lei and C. Petrovic

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103. **Antiferromagnetism in semiconducting $\text{KFe}_{0.85}\text{Ag}_{1.15}\text{Te}_2$ single crystals**
Hechang Lei, E. S. Bozin, Kefeng Wang and C. Petrovic
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102. **Critical current density and mechanism of vortex pinning in $\text{K}_x\text{Fe}_{2-y}\text{Se}_2$ crystals doped with S**
Hechang Lei and C. Petrovic
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101. **Critical fields, thermally activated transport and critical current density of $\beta\text{-Fe}_{1.00(2)}\text{Se}_{1.00(3)}$ Single Crystals**
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100. **Evolution of correlation strength in $\text{K}_x\text{Fe}_{2-y}\text{Se}_2$ with S doping**
Kefeng Wang, Hechang Lei and C. Petrovic
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99. **Raising T_c in charge density wave superconductor ZrTe_3 by Ni intercalation**
Hechang Lei, Xiangde Zhu and C. Petrovic
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98. **Coexistence of charge density wave and bulk superconductivity in Cu_xZrTe_3**
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97. **Phase diagram of $\text{K}_x\text{Fe}_{2-y}\text{Se}_{2-z}\text{S}_z$ ($0 \leq z \leq 2$) and suppression of its superconducting state by an $\text{Fe}_2\text{Se/S}$ tetrahedron distortion**
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95. **Anisotropy in transport and magnetic properties of $\text{K}_x\text{Fe}_{2-y}\text{Se}_2$**
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94. **Spin glass behavior of insulating $\text{K}_{0.8}\text{Fe}_{2-x}\text{S}_2$**
Hechang Lei and C. Petrovic
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92. **Synthesis, Crystal Structure and Magnetism in $\beta\text{-Fe}_{1.00(2)}\text{Se}_{1.00(3)}$ Single Crystals**
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H. Shakirepour, M. A. Tanatar, C. Petrovic and Louis Taillefer
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87. **Exploring the fragile antiferromagnetic superconducting phase in CeCoIn₅**
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86. **Effects of excess Fe on upper critical field and magnetotransport in Fe_{1+y}(Te_{1-x}S_x)_z**
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85. **London penetration depth and superfluid density in single crystals of Fe(Te,Se) and Fe(Te,S) superconductors**
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