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Quark Matter Mark Alford Center For Theoretical Physics Massachusetts Institute Of Technology Cambridge, MA 02139 Alford@mit.edu March 22, 2000 MIT-CTP-2962 Abstract I Discuss Recent Developments In Our Understanding Of The Color-superconducting Phases Of Cold, Dense Quark Matter. I Describe The Phase Diagram As A Function Of Density And The Strange Quark Mass, And Outline Some Ideas About ... Jan 25th, 2020

## **, May, P. W., Rubahn, H-G., & Al., E. (2020). Yu-Shiba ...**

Peter Samuely<sup>2</sup>, Victor V. Moshchalkov<sup>9</sup>, Liviu F. Chibotaru<sup>3\*</sup>, Horst-Günter Rubahn<sup>1</sup> The Combination Of Different Exotic Properties In Materials Paves The Way For The Emergence Of Their New Potential Applications. An Example Is The Recently Found Coexistence Of The Mutually Antagonistic Ferromagnetism And Superconductivity In Hydrogenated Boron-doped Diamond, Which Promises To Be An Attractive ... Jun 2th, 2020

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New Theory Of Superconductivity (Part I) R. Riera And J.L. Marín Departamento De Investigación En Física, Universidad De Sonora Apdo. Post. 5-088, 83190 Hermosillo, Sonora, México. A General Theory Of Superconductivity With Points Of View Differing From Those Of The BCS Theory Is Presented In Two Parts. In The First Part, A General Equation For The Superconductivity Is Obtained; Based On ... Apr 28th, 2020

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Introduction. –The Discovery Of Iron Pnictide Superconductors [1,2] Opens A New Era For Unconventional Superconductivity. Similar To High-Tc Cuprates, The Superconductivity In Iron Arsenide Compounds Is Related To A Layered Structure [1]. The Superconducting Compounds Consist Of An Iron Pnictide Layer That Supports The Super-conducting Current Interlaced With A Charge Reservoir Layer. The ... Feb 24th, 2020

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Sessions: Condensed Matter Physics | Solid State Physics | Theoretical Physics| Organic Electronics | Nanomaterials And Nanotechnology ... Rita John, University Of Madras, India  
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12:30-13:30 @ Foyer 13:30-14:15 Title: Influence Of ... Apr 12th, 2020

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2NANOTECH Centre, Ural Federal University, 19 Mira St., Ekaterinburg, 620002, Russia E-mail: Evgeny.talantsev@imp.uran.ru Abstract Recently, Snider Et Al (2020 Nature 586 373-377) Discovered Room-temperature Superconductivity In Highly-compressed Carbonaceous Sulfur Hydride, H X (S,C) Y. In This Paper We Report Results Of Analysis Of Experimental Temperature Dependent Magnetoresistance Data, R ... Aug 27th, 2020

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IEEE/CSC & ESAS EUROPEAN SUPERCONDUCTIVITY NEWS FORUM, No. 3, January 2008. Page 1 Of 14 Superconducting Magnetic Energy Storage: Status And Perspective Pascal Tixador Grenoble INP / Institut Néel – G2Elab, B.P. 166, 38 042 Grenoble Cedex 09, France E-mail : Pascal.tixador@grenoble.cnrs.fr Abstract — The SMES (Superconducting Magnetic Energy Storage) Is One Of The Very Few Direct Electric ... Feb 2th, 2020

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