



Charge ordering, symmetry and electronic structure issues and Wigner crystal structure of the quarter-filled band Mott insulators and high pressure metals δ -(EDT-TTF-CONMe₂)₂X, X = Br and AsF₆

Submitted by Emmanuel Lemoine on Tue, 02/04/2014 - 16:16

Titre	Charge ordering, symmetry and electronic structure issues and Wigner crystal structure of the quarter-filled band Mott insulators and high pressure metals δ -(EDT-TTF-CONMe ₂) ₂ X, X = Br and AsF ₆
Type de publication	Article de revue
Auteur	Zorina, Leokadiya [1], Simonov, Sergey [2], Mézière, Cécile [3], Canadell, Enric [4], Suh, Steve [5], Brown, Stuart-E. [6], Foury-Leylekian, Pascale [7], Fertey, Pierre [8], Pouget, Jean-Paul [9], Batail, Patrick [10]
Type	Article scientifique dans une revue à comité de lecture
Année	2009
Langue	Anglais
Date	2009/09/22
Numéro	38
Pagination	6980 - 6994
Volume	19
Titre de la revue	Journal of Materials Chemistry
ISSN	1364-5501
Résumé en anglais	We report on the synthesis and application of an internal chemical pressure to effectively control, and reduce, the Mott gap in the system δ -(EDT-TTF-CONMe ₂) ₂ X, X = Br, AsF ₆ ; the detailed accounts of its Pmna, averaged room temperature structure and reversible phase transition at ca. 190 K towards a low temp
URL de la notice	http://okina.univ-angers.fr/publications/ua2124 [11]
DOI	10.1039/B906287D [12]
Lien vers le document	http://dx.doi.org/10.1039/B906287D [12]

Liens

- [1] [http://okina.univ-angers.fr/publications?f\[author\]=2728](http://okina.univ-angers.fr/publications?f[author]=2728)
- [2] [http://okina.univ-angers.fr/publications?f\[author\]=2727](http://okina.univ-angers.fr/publications?f[author]=2727)
- [3] <http://okina.univ-angers.fr/cecile.meziere/publications>
- [4] [http://okina.univ-angers.fr/publications?f\[author\]=2598](http://okina.univ-angers.fr/publications?f[author]=2598)
- [5] [http://okina.univ-angers.fr/publications?f\[author\]=3029](http://okina.univ-angers.fr/publications?f[author]=3029)
- [6] [http://okina.univ-angers.fr/publications?f\[author\]=3030](http://okina.univ-angers.fr/publications?f[author]=3030)
- [7] [http://okina.univ-angers.fr/publications?f\[author\]=3031](http://okina.univ-angers.fr/publications?f[author]=3031)
- [8] [http://okina.univ-angers.fr/publications?f\[author\]=3032](http://okina.univ-angers.fr/publications?f[author]=3032)

- [9] [http://okina.univ-angers.fr/publications?f\[author\]=3033](http://okina.univ-angers.fr/publications?f[author]=3033)
- [10] <http://okina.univ-angers.fr/patrick.batail/publications>
- [11] <http://okina.univ-angers.fr/publications/ua2124>
- [12] <http://dx.doi.org/10.1039/B906287D>

Publié sur *Okina* (<http://okina.univ-angers.fr>)