COVER LETTER

Dear Editor,

Since the discovery of superconductivity in La[O1−*x*F*x*]FeAs by Kamihara et al. (J. Am. Chem. Soc. 130, 3296 (2008)), various peculiar materials have been reported which are to be known as Fe-based superconductors. Soon after the initial discoveries they came into focal point of the material-science community where they remained till today (i.e. J. Paglione, R. L. Greene, Nature Physics 6 (2010); G. R. Stewart, Rev. Mod. Phys. 83 (2011); E. Dagotto, Rev. Mod. Phys. 83 (2011); W. Li *et al.,* Nature Physics 8 (2012); J. C. Davis and P. J. Hirschfeld, Nature Physics 10 (2014); R. M. Fernandez *et al.,* Nature Physics 10 (2014); F. Wang *et al.,* Nature Physics 11 (2015); J.-F. Ge *et al.,* Nature Materials 14 (2015), H. Takahashi *et al.,* Nature Materials 14 (2015); P. Dai, Rev. Mod. Phys. 87 (2015); S. V. Borisenko *et al.,* Nature Physics 12 (2016). Particularly versatile is the subclass of the iron-chalchogenides, ranging from the charge vs. spin instability in FeSe to proximity effects and intrinsic phase separation at nano scale in KFe2-xSe2. Raman spectroscopy proved itself as indispensable tool not only for the phase characterization but also for probing lattice, spin and charge excitations as well as their interactions, thereby providing valuable information necessary for understanding underlying physics of these materials. Moreover, relatively high critical temperatures, fields and currents also suggest potential applicability of these materials.

In this manuscript we summarize the most important results regarding lattice dynamics of iron chalcogenides probed by means of Raman spetroscopy, together with a brief review of their structural and physical properties. We believe that our paper provides valuable insight and a good starting ground for the scientists entering this exciting field of science and deserves to be published as a review paper.

We claim that the manuscript is original, has not been published elsewhere, written and approved by both authors as well as the by the Institute of Physics Belgrade, where the work was done. This manuscript is currently not being considered for publication by any other journal and will not be submitted for publication elsewhere during the reviewing process*.* If accepted for publication, it will not be published elsewhere, in any form and any language, without the written consent of the copyright-holder. The present manuscript does not contain libellous and other unlawful statements and materials that violate any personal or proprietary rights of any person or entity. For reviewers, we suggest

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Yours sincerely,

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