Submission of Comment to PRL LAK1030: physics of LS, IS and HS spin states in $LaCoO_3$

after rejection 23.03.2006 of
"$LaCoO_3$ - from first principles" LQ10665

From: esub-adm@aps.org
To: prltex@ridge.aps.org Copy: rjradwanski@fizyk.instytut.serwery.pl
Data: 3 stycznia 2007, 12:38:25
Temat: Manuscript es2007jan03_036 has been submitted to Phys.Rev.Lett.
JNL: prl TEMPID: es2007jan03_036
RECVD: Wed Jan 3 06:38:25 2007
TITLE: Comment on: "Spin State Transition in $LaCoO_3$ studied using Soft X-ray absorption spectroscopy and Magnetic Circular Dichroism": physics of LS, IS and HS spin states
FIRSTA_LAST: Radwanski R. J.
AUTHORS: Radwanski, R. J./Ropka, Z./
EMAIL: rjradwanski@fizyk.instytut.serwery.pl
ADDRESS: Snt Filip 5, 31-150 Krakow
ART_TYPE: Comment/Reply
SECTION: L6-? TYPE: TH PACS1: 75.10.Dg
NFIGS: 0 COLORFIGS: no, EFIG: No figures
NTABLES: 0 COPY: STANDARD
LENGTHCHECK: 105 lines (0.9 pages)
REFCHECK: REFEREES: The best physicists NOTES:

Dear Editor,

We submit Comment about the electronic structure of $LaCoO_3$. We are forced to write Comment as our original papers on $LaCoO_3$ (and other $3d$ oxides) are consequently rejected in Phys. Rev. Lett. By years we have claim that the excited state is HS state, in contrary to about 200 papers from 1996, claiming the IS state. In this commented paper authors managed to publish that the excited state is HS. We are very glad from scientific point, however, there is a problem with our earlier results. In this Comment we congratulate authors that they manage to publish the view with the excited HS state in $LaCoO_3$ but we critic they description of HS, IS and LS states claiming that they are not physically adequate.

We hope for the honest scientific cooperation. We would appreciate publication of our Comment what enables open scientific discussion on magnetism and electronic structure of $3d$ oxides.

Sincerely Yours, R. Radwanski

Rejection of the PRL Comment LAK1030: physics of LS, IS and HS spin states in $LaCoO_3$

From: Physical Review Letters ⟨prl@ridge.aps.org⟩
To: rjradwanski@fizyk.instytut.serwery.pl
Data: 10 January 2007, 23:45:21
Temat: Your_manuscript LAK1030 Radwanski

Re: LAK1030
Comment on "Spin state transition in $LaCoO_3$ studied using soft x-ray absorption spectroscopy and magnetic circular dichroism" : physics of LS, IS and HS spin states
by R.J. Radwanski and Z. Ropka

Dr. R. J. Radwanski
Snt Filip 5, 31-150 Krakow, POLAND

Dear Dr. Radwanski,

Your manuscript has been considered. We regret to inform you that we have concluded that it is not suitable for publication in Physical Review Letters.

Yours sincerely,

Jerome Malenfant
Senior Assistant Editor
Physical Review Letters

Answer of Radwanski after rejection LAK1030: physics of LS, IS and HS spin states in $LaCoO_3$

From: RJRadwanski ⟨rjradwanski@fizyk.instytut.serwery.pl⟩
To: Physical Review Letters ⟨prl@ridge.aps.org⟩
Data: 13 January 2007, 13:07:10
Temat: from_author LAK1030 Radwanski

From R. J. Radwanski Krakow, Jan 13, 2007
To: Editor of Physical Review Letters

Concerns: LAK1030
Comment on "Spin state transition in $LaCoO_3$ studied using soft x-ray absorption spectroscopy and magnetic circular dichroism": physics of LS, IS and HS spin states.
by R.J. Radwanski and Z. Ropka

Dear Editor,
In our answer to Your email of Jan 10, 2007, attached below, we say that:
1. in case of Comment You as Editor of scientific journal cannot so much rights to simply conclude its rejection,
2. the more that You did not explain why my Comment "is not suitable".
3. I suppose that it does not mean that at present Editor Physical Rev. Lett. accept that the erroneous papers can be freely published in Phys. Rev. Lett.. I still think that the Editor is interested to keep the high scientific level of Phys. Rev. Lett.
4. We will do everything to restore normal scientific rules in exchange of knowledge on study of magnetism and electronic structure of $3d$ and $4f/5f$ compounds.
5. We are forced to submit Comments on $LaCoO_3$ (and NiO) because our papers on $LaCoO_3$ (PRL-LQ10665[preceding paper]) and on NiO (LF7313 from 1999 [Acta Phys. Pol. B 31 (2000) 3079; also Acta Physica 1 (2006) 26] and recent LT10564 [Acta Physica 1 (2006) 26]; just mention only the last submissions) are found unsuitable. If we cannot present normally our theoretical results on $LaCoO_3$, NiO, and other oxides we have to express our critics to papers just published - we do not like such situation as we are forced to critic somebody what is in general unpleasant. But it is situation created by the Editor.
6. our Comment has been written in the very collegian tone, pointing simply the physical incorrectness of the Letter PRL 97, 176405 (2006).

We question the whole physics presented in Fig. 2 of the commented paper, which discusses the physical origin of LS, IS and HS states. Just normal situation for the Comment. So, please explain why this our Comment is not suitable.

In conclusion, we cordially ask for the publication of this our Comment (as well as others our Comments) reminding that the publication of the Comment is the elementary obligation of the scientific journal. There more the place of the Editor is in USA which claims to keep the highest standards in freedom (any censorship or discrimination is not allowed by the USA constitution).

We hope for the normal scientific cooperation on 3d/4f/5f magnetism.
Sincerely Yours,
R. J. Radwanski

1. APS member: 61012356; I think it is not useful to pay contributions to APS.
2. I intend to go to Houston in May 2007 for the Strongly-Correlated Electron (SCES) Conference.

To information: President of APS
Editor-in-Chief dr M. Blume

2^{nd} Rejection of the PRL Comment LAK1030: physics of LS, IS and HS spin states in $LaCoO_3$

From: Physical Review Letters ⟨prl@ridge.aps.org⟩
To: rjradwanski@fizyk.instytut.serwery.pl
Data: 30 January 2007, 16:50:36
Temat: Your_manuscript LAK1030 Radwanski

Re: LAK1030
Comment on "Spin state transition in $LaCoO_3$ studied using soft x-ray absorption spectroscopy and magnetic circular dichroism": physics of LS, IS and HS spin states by R. J. Radwanski and Z. Ropka

Dr. R. J. Radwanski
Snt Filip 5 31-150 Krakow POLAND

Dear Dr. Radwanski,

The above manuscript does not appear suitable for the Comments section of Physical Review Letters. Comments are limited to papers which criticize or correct central aspects of previously published Letters (see enclosed memo). Your paper does not appear to be of this character. We are therefore unable to consider it for publication. No judgment is made on the correctness of your work, only on its suitability for the narrowly focused Comments section.

Yours sincerely,

Donavan Hall
Assistant Editor
Physical Review Letters

Please see the following forms:

http://forms.aps.org/author/comments-prl.pdf
Comments in: Physical Review Letters

Request for publication of Comment LAK1030: physics of LS, IS and HS spin states in $LaCoO_3$

after rejection 23.03.2006 of
"$LaCoO_3$ - from first principles" LQ10665

From: Radwanski ⟨rjradwanski@fizyk.instytut.serwery.pl⟩
To: Physical Review Letters ⟨prl@ridge.aps.org⟩
Data: 5 February 2007, 15:37:15
Temat: from-author LAK1030 Radwanski

From: R. J. Radwanski and Z. Ropka
To: Editor of Physical Rev. Lett.

Concerns: LAK1030
Comment on "Spin state transition in $LaCoO_3$ studied using soft x-ray absorption spectroscopy and magnetic circular dichroism": physics of LS, IS and HS spin states.
by R. J. Radwanski and Z. Ropka

Dear Editor,

We cordially ask for publication of our Comment. It is not true that our Comment does not "criticize or correct central aspects of previously published Letters". Our Comment touches central aspect of the Letter of PRl 97 (2006) 176405, but written in a collegian and friendly tone. It is exactly "ad rem" not "ad personam". We just submitted another Comment (Febr 5, 2007, Ropka and Radwanki) - it is short only using many words critics and wrong physics according to Your suggestion in email of Jan,. 30, 2007. We will see if You are ready to publish it. We wait.!!!!

What we should do to convince You - make a strike, burning, quarrel, ..., or write a letter to the President of USA. We are doing physics - we do not force anybody to admit that we are doing good physics (this we know) - but we have scientific rights our Comments to be published. You have more freedom in publishing papers.

Dear Editor,

Please be advised that You can be manipulated even by the best referees - all of them are scientists and are doing the research with the same goal: to find description of magnetism and electronic structure of 3d oxides. So, there is conflict of interest and they are not happy that we have solved these important scientific problems. We know that we have solved them.

Tomorrow we will submit solution of FeO [LB11267-rejected, Acta Physica 4 92007) 1], a compound studied by years. We find the correct solution. It means that we are able in our approach consistently describe many 3d oxides (NiO, CoO [LW11393-rejected, BW10770-rejected, Acta Physica 23-24 (2008) 1], $LaCoO_3$ [Phys. Rev. B 67 (2003) 172401], $FeBr_2$ [Phys. Rev. B 63 (2001) 172404], NaV2O7 , .. were already submitted).

We nicely ask for the normal scientific cooperation and ask for publication of our Comment. You can write that You do not agree with our Comment.

Sincerely Yours,
R. J. Radwanski
With information to:
President of Amer. Phys. Soc.
Editor-in-Chief dr M. Blume

Final rejection of Comment to PRL LAK1030: physics of LS, IS and HS spin states in $LaCoO_3$

after rejection 23.03.2006 of
"$LaCoO_3$ - from first principles" LQ10665

From: Physical Review Letters ⟨prl@ridge.aps.org⟩
To: Radwanski ⟨rjradwanski@fizyk.instytut.serwery.pl⟩
Data: 13 February 2007, 15:43:33
Temat: Your_manuscript LAK1030 Radwanski

Re: LAK1030
Comment on "Spin state transition in $LaCoO_3$ studied using soft x-ray absorption spectroscopy and magnetic circular dichroism": physics of LS, IS and HS spin states.
by R.J. Radwanski and Z. Ropka

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Donavan Hall
Assistant Editor Physical Review Letters