



Europass Curriculum Vitae

Personal information

First name Surnames

Daniel Aurelian ANDREICA

Address Babeş-Bolyai University, Faculty of Physics, Kogălniceanu 1, 400084 Cluj-Napoca, ROMANIA
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Nationality Romanian

Date of birth 11.December.1964

Gender male

Desired employment / Occupational field

HABILITATION

Work experience

Dates	2017-2019
Occupation or position held	Director/Principal investigator: IDEI – exploratory work, PN PN-III-P4-ID-PCE-2016-0534, contract 195/2017
Main activities and responsibilities	Investigation of the physical properties of materials by mSR and mSR under pressure
Name and address of employer	Babeş-Bolyai University, Cluj-Napoca, ROMANIA.
Type of business or sector	Research
Dates	2012 - 2016
Occupation or position held	Director/Principal investigator: IDEI – exploratory work, PN-II-ID-PCE-2011-3-0583, contract 85/2011,.
Main activities and responsibilities	Investigation of the phase diagram of materials by μ SR and μ SR under pressure.
Name and address of employer	Babeş-Bolyai University, Cluj-Napoca, ROMANIA.
Type of business or sector	Research
Dates	2009 - 2013
Occupation or position held	Responsible/work package coordinator in an FP7 Project: Access to research infrastructures.
Main activities and responsibilities	Design and test p-cells for μ SR experiments.
Name and address of employer	Babeş-Bolyai University, Cluj-Napoca, ROMANIA.
Type of business or sector	Research
Dates	2008 - 2011
Occupation or position held	Director/Principal investigator: IDEI – exploratory work, Project code: 2597, contract 444/2009.
Main activities and responsibilities	Investigation of the effect of the pressure on intermetallic compounds.
Name and address of employer	Babeş-Bolyai University, Cluj-Napoca, ROMANIA.
Type of business or sector	Research
Dates	2005 – present

Occupation or position held Associate Professor,
 Main activities and responsibilities Teaching duties and research activities
 Name and address of employer Faculty of Physics, Babeş-Bolyai University, Cluj-Napoca, ROMANIA.
 Type of business or sector Education
 Dates 2002-2005
 Occupation or position held Lecturer
 Main activities and responsibilities Teaching duties and research activities
 Name and address of employer Faculty of Physics, Babeş-Bolyai University, Cluj-Napoca, ROMANIA.
 Type of business or sector Education
 Dates 1995-1996
 Occupation or position held Research assistant
 Main activities and responsibilities Research: Investigation of the magnetoelectric effect.
 Name and address of employer Department of inorganic, analytical and applied chemistry, Geneva University, SWITZERLAND.
 Type of business or sector Research
 Dates 1991-2002
 Occupation or position held Assistant
 Main activities and responsibilities Teaching duties and research activities
 Name and address of employer Faculty of Physics, Babeş-Bolyai University, Cluj-Napoca, ROMANIA.
 Type of business or sector Education

Education and training

Dates 1997-2001
 Title of qualification awarded PhD. in Physics
 Principal subjects/occupational skills covered Magnetic phase diagram in some Kondo-lattice compounds / experimental work: pressure, μ SR, magnetic measurements, electrical measurements.
 Name and type of organization providing education and training Institute for Particle Physics, ETH-Zurich, SWITZERLAND
 Level in national or international classification ISCED 97 Level 6
 Dates 1984 – 1988
 Title of qualification awarded Bachelor, License Diploma
 Principal subjects/occupational skills covered Physics, Nuclear Magnetic Resonance, experiment and computation
 Name and type of organization providing education and training Faculty of Physics, Babeş-Bolyai University, Cluj-Napoca, ROMANIA.
 Level in national or international classification ISCED 97 Level 5

Personal skills and competences

Mother tongue(s) **Romanian**

Other language(s)

Self-assessment

European level ()*

French

Understanding				Speaking				Writing	
Listening		Reading		Spoken interaction		Spoken production			
B2	independent user	B2	independent user	B2	independent user	B2	independent user	B2	independent user

English	B2	independent user	B2	independent user	B2	independent user	B2	independent user	B2	independent user
	(*) Common European Framework of Reference for Languages									
Social skills and competences	I have got used with team-work, having to play different roles in from the beginning of the Faculty, passing through my PhD and Post-doc stages.									
Organisational skills and competences	Good experience in project and team management gained as member (and director) in (of) different national and international research projects. I am co-organizer of an annual scientific event: The Saturday Experiments day.									
Computer skills and competences	Windows and Linux user. Good knowledge of text and graphic software: Microsoft office, corel Draw.									
Other skills and competences	Hobby: photography, speleology, archaeology									
Annexes	1. Publication list									

Annexe 1.

Conf. Dr. Daniel ANDREICA.

Papers published as author/coauthor.



1. V. Crisan, V. Popescu, A. Vernes, D. Andreica, I. Burda, S. Cristea, A. Olinici, *Electronic Structure of Y_2M_{17} Intermetallic Compounds*, Journal of Alloys and Compounds **217** (1995) 258.
2. V. Crisan, V. Popescu, A. Vernes, D. Andreica, I. Burda, S. Cristea, N. Gaciu, M. Graur, *Band Effects in Magnetostrictive Properties of the Y_2Fe_{17} Compound*, Physica Status Solidi B **189** (1995) K27.
3. V. Crisan, V. Popescu, A. Vernes, D. Andreica, I. Burda, S. Cristea, *On The Electronic Properties of $YCo_{5-x}Ni_x$* Journal of Alloys and Compounds **223** (1995) 147.
4. V. Crisan, V. Popescu, A. Vernes, D. Andreica, I. Burda, S. Cristea, V. Caciuc, *Magnetic Properties of $LaCo_{5-x}Ni_x$* Journal of Alloys and Compounds **223** (1995) 70.
5. V. Crisan, V. Popescu, A. Vernes, D. Andreica, S. Cristea, B. Koepe, *Magnetic Properties of the $LaCu_{5-x}Co_x$ Compounds*, Physica Status Solidi A **154** (1996) 743.
6. M. Coldea, D. Andreica, M. Bitu, V. Crisan, *Spin Fluctuations in YNi_5 and $CeNi_5$* Journal of Magnetism and Magnetic Materials **157-158** (1996) 627.
7. D. Andreica, J.-P. Rivera, S. Gentil, Z.-G. Ye, M. Senthil-Kumar, H. Schmid, *Magnetic Properties and Phase Transitions of Iron Boracites, $Fe_3B_7O_{13}X$ ($X = Cl, Br$ Or I)*, Ferroelectrics **204** (1997) 73.
8. S. Gentil, D. Andreica, M. Lujan, J.-P. Rivera, F. Kubel, H. Schmid *Synthesis, Structure and Magnetic Susceptibility of $KCrP_2O_7$, a Potential Antiferromagnetic Magnetoelectric* Ferroelectrics **204** (1997) 35
9. A. Schenck, D. Andreica, F.N. Gygax, M. Pinkpank, Y. Onuki, P. Ahmet, M. Abliz, R. Settai, A. Amato, N. Kaplan, *High-Temperature Magnetic Order in the Singlet-Ground-State Compound $PrCu_2$* Physical Review B **58** (1998) 5205.
10. D. Andreica, K. Alami-Yadri, D. Jaccard, A. Amato, A. Schenck, *Transport Properties and μ SR Spectroscopy of $Yb(Ni_xCu_{1-x})_2Si_2$* Physica B **259-261** (1999) 144.
11. A. Schenck, D. Andreica, M. Pinkpank, F.N. Gygax, H.R. Ott, A. Amato, R.H. Heffner, D.E. MacLaughlin, G.J. Nieuwenhuys, *New μ SR Results on the Magnetic Structure of $CeAl_2$* Physica B **259-261** (1999) 14.
12. K. Alami-Yadri, D. Jaccard, D. Andreica, *Thermopower of Yb Heavy Fermion Compounds at High Pressure* Journal-of-Low-Temperature-Physics. **114** (1999) 135.
13. M. Pinkpank, A. Amato, D. Andreica, F.N. Gygax, H.R. Ott, A. Schenck, *The Effect of Oxygen Reduction on the Magnetic Properties of $ReBa_2Cu_3O_{6+x}$* Physica C **317-318** (1999) 299.
14. A. Schenck, N.K. Sato, G. Solt, D. Andreica, F.N. Gygax, M. Pinkpank, A. Amato, *Study of the Positive Muon Knight Shift in UNi_2Al_3 : Evidence for a Tetravalent U^{4+} - State and Crystalline Electric Field Splitting*, European Physical Journal B **13**, (2000), 245.

15. A. Schenck, D. Andreica, F.N. Gygax, M. Pinkpank, K.A. McEwen, A. Amato, *Anomalous Temperature Dependence of the μ^+ Knight Shift and the Phase Diagram of UPd₃*, Physica-B **289** (2000) 311.
16. A. Schenck, R.J. Keizer, A. de Visser, A. Amato, D. Andreica, F.N. Gygax, M. Pinkpank, P. Estrela, M.J. Graf, A.A. Menovsky, J.J.M. Franse, *Muon Localization Site in U(Pt,Pd)₃*, Physica-B **289** (2000) 455.
17. A. Amato, D. Andreica, F.N. Gygax, M. Pinkpank, N.K. Sato, A. Schenck, G. Solt, *Muon Tunneling Along a Ring-Shaped Orbit in UNi₂Al₃*, Physica-B **289** (2000) 447.
18. A. Schenck, F.N. Gygax, D. Andreica, G.J. Nieuwenhuys, J. Aarts, M. Hesselberth, J.A. Mydosh, E. Morenzoni, H. Glückler, Th. Prokscha, A. Amato, *Low-Energy Muon Study of CMR and Spin-Glass Films*, Physica-B **289** (2000) 331.
19. M. Pinkpank, A. Amato, D. Andreica, F.N. Gygax, H.R. Ott, A. Schenck, *Time Effects Induced by the Muon Point Charge in the Antiferromagnetically Ordered Phase of HoBa₂Cu₃O₇*, Physica-B **289** (2000) 316.
20. M. Pinkpank, A. Amato, D. Andreica, F.N. Gygax, H.R. Ott, A. Schenck, *Dynamic Magnetic Properties of GdBa₂Cu₃O_{6+x} as Function of the Oxygen Content*, Physica-B **289** (2000) 295.
21. P. Schobinger-Papamantellos, N.P. Duong, K.H.J. Buschow, D. Andreica, F.N. Gygax, M. Pinkpank, A. Schenck, *Comparative Study of the Magnetic Properties of TbFe₄Al₈ and YFe₄Al₈*, Physica-B **289** (2000) 277.
22. F.N. Gygax, P. Vajda, D. Andreica, M. Pinkpank, A. Schenck, *Positive Muons in Rare-Earth Dideuterides*, Physica-B **289** (2000) 273.
23. D. Andreica, N. Cavadini, H.U. Güdel, F.N. Gygax, K. Krämer, M. Pinkpank, A. Schenck, *Muon Induced Break Up of Spin-Singlet Pairs in the Double-Chain Compound KCuCl₃*, Physica-B **289** (2000) 176.
24. D. Andreica, F.N. Gygax, M. Pinkpank, A. Schenck, T. Chatterji, R. Suryanarayanan, G. Dhahlenne, A. Revcolevschi, *Charge/Orbital and Antiferromagnetic Ordering in LaSr₂Mn₂O₇*, Physica-B **289** (2000) 65.
25. D. Andreica, F.N. Gygax, M. Pinkpank, A. Schenck, A. Amato, *Chemical Pressure Effects in the Yb(Cu_{1-x}Ni_x)₂Si₂ System*, Physica-B **289** (2000) 24.
26. A. de Visser, M.J. Graf, P. Estrela, A. Amato, C. Baines, D. Andreica, F.N. Gygax, A. Schenck, *Magnetic Quantum Critical Point and Superconductivity in UPt₃ Doped with Pd*, Physical Review Letter **85** (2000) 3005.
27. D. Andreica, A. Amato, F.N. Gygax, A. Schenck, G. Wiesinger, C. Reichl, E. Bauer, *μ SR Studies of the Nonmagnetic-Magnetic Transition in YbCu_{5-x}Al_x*, Journal of Magnetism and Magnetic Materials **226-230** (2001) 129.
28. A. Schenck, D. Andreica, F.N. Gygax, K. Umeo, T. Takabatake, E. Schreier, A. Kratzer, G.M. Kalvius, *Muon-Spin-Rotation Study of Ce₇Ni₃: Muon-Related and Intrinsic Properties of the Paramagnetic Phase*, J. Phys.: Condens. Matter **13** (2001) 4277.
29. A. Schenck, D. Andreica, F.N. Gygax, H.R. Ott, *Extreme Quantum Behavior of Positive Muons in CeAl₂ below 1 K*, Phys. Rev. B **65** (2002) 24444.

30. F.N. Gygax, P. Vajda, D. Andreica, M. Pinkpank, A. Schenck,
Magnetism in beta-DyD_{2+x} and beta-HoD_{2+x} Studied With Positive Muons,
Journal of alloys and compounds **330-332** (2002) 376.
31. F.N. Gygax, D. Andreica, M. Pinkpank, A. Schenck,
Site Determination of Positive Muons in Pr Single Crystals,
Journal of alloys and compounds **330-332** (2002) 183.
32. F.N. Gygax, D. Andreica, A. Schenck, Y. Onuki
Probing the Magnetic Structure of GdCu₂ by μ SR Spectroscopy
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33. A. Schenck, D. Andreica, F.N. Gygax, D. Aoki and Y. Onuki,
Evidence for Ordered Moments on the Rh Sites in CeRhIn₅
Phys. Rev. B **66** (2002) 144404.
34. H. Amitsuka, K. Tenya, M. Yokoyama, A. Schenck, D. Andreica, F.N. Gygax, A. Amato, Y. Miyako,
Ying Kai Huang, J.A. Mydosh,
Inhomogeneous Magnetism in URu₂Si₂ Studied by Muon Spin Relaxation Under High Pressure,
Physica B **326** (2003) 418.
35. A. Schenck, F.N. Gygax, D. Andreica, K. Umeo, T. Takabatake,
On the Magnetic Phase Diagram of Ce₇Ni₃ in the H-T Plane,
Physica B **326** (2003) 394.
36. H.-H. Klauss, D. Baabe, D. Mienert, H. Luetkens, F.J. Litterst, B. Buchner, M. Hucker, D. Andreica, U.
Zimmermann, A. Amato,
High-Pressure μ SR Studies on La_{1.65}Eu_{0.20}Sr_{0.15}CuO₄
Physica B **326** (2003) 325.
37. I.M. Gat-Malureanu, A. Fukaya, M. I. Larkin, A. J. Millis, P. L. Russo, A.T. Savici, Y. J. Uemura, P. P.
Kyriakou, G.M. Luke, C. R. Wiebe, Y.V. Sushko, R. H. Heffner, D. E. MacLaughlin, D. Andreica, G.M.
Kalvius,
Field Dependence of the Muon Spin Relaxation Rate in MnSi,
Phys. Rev. Lett. **90** (2003) 157201.
38. N. Cavadini, D. Andreica, F.N. Gygax, A. Schenck, K. Kramer, H.-U. Gudel, H. Mutka, A. Wildes,
Local Spin Susceptibility in KCuCl₃
Physica B **335** (2003) 37.
39. D. Andreica, A. Amato, F.N. Gygax, A. Schenck,
Nonmagnetic-Magnetic Transition in Yb(Cu_{1-x}Ni_x)₂Si₂ Studied by Muon-Spin Relaxation,
J. Phys.: Condens. Matter **15** (2003) 6997.
40. A. Schenck, F.N. Gygax, D. Andreica, Y. Onuki,
*Interplay of Quadrupolar Order, Ce 4f Spin Dynamics and RKKY Induced Conduction Electron Spin
Polarization in CeAg*
J. Phys.: Condens. Matter **15** (2003) 8599.
41. T. N. Mamedov, D. Andreica, D. G. Andrianov, D. Herlach, V.N. Gorelkin, K.I. Gritsai, V.A. Zhukov,
A. V. Stoikov, U. Zimmermann,
The Effect of Uniaxial Static Pressure on the Behavior of an Aluminium Acceptor Impurity in Silicon,
JETP **80** (2004) 339.
42. A. Amato, M.J. Graf, A de-Visser, H. Amitsuka, D. Andreica, A. Schenck
Weak-Magnetism Phenomena in Heavy-Fermion Superconductors: Selected μ SR Studies
J. Phys.: Condens. Matter **16** (2004) S4403
43. J. Sugiyama, D. Andreica, H. Itahara, Toshihiko Tani,
*The Effect of Pressure on the Spin Density Wave Transition in the Layered Cobaltites
[Ca₂CoO₃]_{0.62}[CoO₂] and [Ca₂Co_{4/3}Cu_{2/3}O₄]_{0.62}[CoO₂]*,
Solid State Communications **135** (2005) 263.
44. D. Andreica, D. Herlach, V.A. Zhukov, T.N. Mamedov, A.V. Stoikov, U. Zimmermann,
A Cell for the Uniaxial Compression of Samples in μ SR experiments,
Pribory I Tekhnika Eksperimenta **4** (2005) 122.

45. J. Sugiyama, H. Nozaki, Y. Ikedo, K. Mukai, J. H. Brewer, E. J. Ansaldo, G. D. Morris, D. Andreica, A. Amato, T. Fujii and A. Asamitsu,
Static Magnetic Order in Metallic $K_{0.49}CoO_2$
Phys. Rev. Lett. **96** (2006) 037206.
46. A. Schenck, F.N. Gygax, K. Umeo, T. Takabatake, D. Andreica,
Anisotropic 4f-spin dynamics across the B–T phase diagram of Ce_7Ni_3
J. Phys.: Condens. Matter **18** (2006) 1955.
47. T. Mamedov, D. Andreica, A.S. Baturin, D. Herlach, V.N. Gorelkin, K.I. Gritsaj, V.G. Ralchenlo, A.V. Stoykov, V.A. Zhukov, U. Zimmermann,
Behavior of shallow acceptor impurities in uniaxially stressed silicon and in synthetic diamond studied by μ SR,
Physica B **374** (2006) 390.
48. R. Tetean, D. Andreica, I.G. Deac, E. Burzo, L. Chioncel, A. Amato,
 μ SR investigation of $CeCo_4B$,
Physica B **374** (2006) 188.
49. O. Stockert, D. Andreica, A. Amato, H.S. Jeevan, C. Geibel, F. Steglich,
Magnetic order and superconductivity in single-crystalline $CeCu_2Si_2$
Physica B **374** (2006) 167.
50. T. Chatterji, D. Andreica, R. Suryanarayanan, A. Revcolevschi,
 μ SR studies of the electron-doped $Ca_{1-x}Sm_xMnO_3$
Physica B **374** (2006) 59.
51. J. Sugiyama, H. Nozaki, Y. Ikedo, K. Mukai, D. Andreica, A. Amato, J.H. Brewer, E.J. Ansaldo, G.D. Morris, T. Takami, H. Ikuta,
Evidence of two dimensionality in quasi-one-dimensional cobalt oxides,
Phys. Rev. Lett. **96** (2006) 197206.
52. I. Mirebeau, A. Apetrei, I. Goncharenko, D. Andreica, P. Bonville, J. P. Sanchez, A. Amato, E. Suard, W. A. Crichton, A. Forget, and D. Colson,
Pressure-induced ferromagnet to spin-glass transition in $Gd_2Mo_2O_7$
Phys. Rev. B **74**, (2006) 174414.
53. A. Apetrei, I. Mirebeau, I. Goncharenko, D. Andreica, and P. Bonville,
Microscopic Study of a Pressure-Induced Ferromagnetic–Spin-Glass Transition in the Geometrically Frustrated Pyrochlore $(Tb_{1-x}La_x)_2Mo_2O_7$
Phys.Rev. Lett. **97** (2006) 206401.
54. Y. Ikedo, J. Sugiyama, H. Nozaki, H. Itahara, J. H. Brewer, E. J. Ansaldo, G. D. Morris, D. Andreica, and A. Amato,
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Phys. Rev. B **75** (2007) 054424.
55. J. Sugiyama, H. Nozaki, Y. Ikedo, K. Mukai, D. Andreica, A. Amato, J.H. Brewer, E.J. Ansaldo, G.D. Morris, T. Takami, H. Ikuta,
Two dimensionality in quasi-one-dimensional cobalt oxides confirmed by muon-spin spectroscopy,
J. Magn. Magn. Mater. **310** (2007) 2719.
56. I. Mirebeau, A. Apetrei, I. Goncharenko, D. Andreica and P. Bonville,
Magnetic transition induced by pressure in $Gd_2Mo_2O_7$ as studied by neutron diffraction and μ SR,
J. Magn. Magn. Mater. **310** (2007) 919.
57. A. Apetrei, I. Mirbeau, I. Goncharenko, D. Andreica, P. Bonville,
Study of ferromagnetic-spin glass threshold in $R_2Mo_2O_7$ by high-pressure neutron diffraction and μ SR,
J. Phys.: Condens. Matter **19** (2007) 145214.
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Magnetism in Geometrically Frustrated $YMnO_3$ Under Hydrostatic Pressure Studied with Implanted Muons,
Phys. Rev. Lett. **198** (2007) 197203.

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Magnetic Phase Diagram of Layered Cobalt Dioxide Li_xCoO_2
Phys. Rev. Lett. **99** (2007) 087601.
60. Jun Sugiyama, Yutaka Ikedo, Peter L. Russo, Hiroshi Nozaki, Kazuhiko Mukai, Daniel Andreica, Alex Amato, Maxime Blangero, Claude Delmas,
Magnetic nature of K_xCoO_2 near the antiferromagnetic phase with $x=0.5$: Positive muon spin rotation and relaxation,
Phys. Rev. B **76** (2007) 104412.
61. Jun Sugiyama, Hiroshi Nozaki, Yutaka Ikedo, Peter L. Russo, Kazuhiko Mukai, Daniel Andreica, Alex Amato, Tsuyoshi Takami, Hiroshi Ikuta,
Muon-spin rotation and relaxation study on the quasi-one-dimensional compounds Ca_3CoRhO_6 , $Sr_4CoRh_2O_9$, and $Sr_5CoRh_3O_{12}$
Phys. Rev. B **77** (2008) 092409.
62. Kazuhiko Mukai, Jun Sugiyama, Yutaka Ikedo, Daniel Andreica, Alex Amato, Jess H. Brewer, Eduardo J. Ansaldo, Peter L. Russo, Kim H. Chow, Kingo Ariyoshi and Tsutomu Ohzuku,
Micro- and macroscopic magnetism on layered cobalt dioxide Li_xCoO_2 ($0.1 \leq x \leq 1$),
Journal of Physics and Chemistry of solids **69** (2008) 1479.
63. Jun Sugiyama, Yutaka Ikedo, Hiroshi Nozaki, Peter L. Russo, Jess H. Brewer, Eduardo J. Ansaldo, Gerald D. Morris, Kim H. Chow, Scott L. Stubbs, Daniel Andreica, Alex Amato, Takenori Fujii, Satoshi Okada, and Ichiro Terasaki,
Comparative μ^+ SR investigation of static magnetic order and anisotropy of the pure and Pb-doped $Bi_2Sr_2Co_2O_7$ layered cobalt dioxides,
Phys. Rev. B **78** (2008) 094422.
64. Jun Sugiyama, Hiroshi Nozaki, Yutaka Ikedo, Kazuhiko Mukai, Peter L. Russo, Daniel Andreica, Alex Amato, Hiroaki Yoshida, and Zenji Hiroi,
Static magnetic order in metallic triangular antiferromagnet Ag_2MnO_2 detected by muon-spin spectroscopy,
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65. Jun Sugiyama, Yutaka Ikedo, Peter Russo, Kazuhiko Mukai, Hiroshi Nozaki, Jess Brewer, Eduardo Ansaldo, Kim Chow, Daniel Andreica, Alex Amato, Takenori Fujii, Atshushi Asamitsu, Kingo Ariyoshi, Tsutomu Ohzuku,
Electronic and magnetic properties of novel layered cobalt dioxides $A(x)CoO(2)$ with $A = Li, Na,$ and $K,$
Journal of Materials Science-Materials in Electronics **19** (2008) 883
66. Jun Sugiyama, Kazuhiko Mukai, Yutaka Ikedo, Peter L. Russo, Hiroshi Nozaki, Daniel Andreica, Alex Amato, Kingo Ariyoshi, and Tsutomu Ohzuku,
Static magnetic order in the triangular lattice of Li_xNiO_2 ($x \leq 1$): Muon-spin spectroscopy measurements,
Phys. Rev. B **78** (2008) 144412.
67. Correction to: Jun Sugiyama, Hiroshi Nozaki, Yutaka Ikedo, Kazuhiko Mukai, Peter L. Russo, Daniel Andreica, Alex Amato, Hiroaki Yoshida, and Zenji Hiroi,
Static magnetic order in metallic triangular antiferromagnet Ag_2MnO_2 detected by muon-spin spectroscopy,
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 μ SR studies of $CePd_2In$ at low temperatures
Journal of Physics and Chemistry of Solids **69** (2008) 3149
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Antiferromagnetic order in $CeIn_{3-x}Sn_x$ studied by muon spin relaxation,
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Microscopic magnetic nature of layered cobalt dioxides investigated by muon-spin rotation and relaxation,
Nuclear Instruments & Methods In Physics Research Section A-Accelerators Spectrometers Detectors And Associated Equipment, **600** (2009) 305.
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Micro- and macroscopic magnetism in Li_xNiO_2
Journal of Power Sources **189** (2009) 665.
73. D.G. Eshchenko, V.G. Storchak, E. Morenzoni, D. Andreica,
High-pressure muon spin rotation studies of magnetic semiconductors: EuS ,
Physica B **404** (2009) 903.
74. J. Sugiyama, H. Nozaki, Y. Ikedo, K. Mukai, P.L. Russo, D. Andreica, A. Amato, H. Yoshida, Z. Hiroi,
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