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| **List Of 2017 Reports**   |  |  |  | | --- | --- | --- | | **ID#** | **Title, First Author, and Category** | **Status** | | [**105**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=105) | **Title:** Ratiometric pH Imaging with a CoII2 MRI Probe via CEST Effects of Opposing pH Dependences   **First Author:** Thorarinsdottir, Agnes, Northwestern University, Chemistry, agnesthorarinsdottir2020@u.northwestern.edu  **PI:** Harris, T.D., Northwestern University, Chemistry, dharris@northwestern.edu  **Category:** Chemistry - Inorganic and Coordination  **Facility:** AMRIS Facility at UF  **Highest Measured Field:** 17.6 T  **UCGP:** No    **VSP:** No   **Published in** J. Am. Chem. Soc. 139/44/15836-15847  **Sign. Achievement:** No  **Director's Recommendation: Yes**  **Director's Comments:** None | Approved | | [**385**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=385) | **Title:** Spin Dynamics of DNP Samples  **First Author:** Collins, JHP, University of Florida, Biochemistry & Molecular Biology, jhpcollins@ufl.edu  **PI:** Bowman, MK, University of Alabama, Chemistry, mkbowman@as.ua.edu  **Category:** Chemistry - Inorganic and Coordination  **Facility:** AMRIS Facility at UF  **Highest Measured Field:** 5 T  **UCGP:** No    **VSP:** No   **Publication Status:** Not at this time  **Sign. Achievement:** No  **Director's Recommendation: No**  **Director's Comments:** None | Approved | | [**115**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=115) | **Title:** Advanced Paramagnetic Resonance Studies on High-Oxidation State Iron Corroles  **First Author:** Telser, J., Roosevelt University, Biological, Chemical and Physical Sciences, jtelser@roosevelt.edu  **PI:** Telser, J., Roosevelt University, Biological, Chemical and Physical Sciences, jtelser@roosevelt.edu  **Category:** Chemistry - Inorganic and Coordination  **Facility:** EMR Facility  **Highest Measured Field:** 15 T  **UCGP:** No    **VSP:** No   **Publication Status:** Manuscript in preparation  **Sign. Achievement:** No  **Director's Recommendation: No**  **Director's Comments:** None | Approved | | [**298**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=298) | **Title:** Characterization of Iron-Tetrazene Functionality in Bis(Alkoxide) Ligand Environments  **First Author:** Yousif , M, Wayne State University, Chemistry, yousifm@chem.wayne.edu  **PI:** Stoian, AS, University of Idaho, Chemistry, sebastian.stoian@magnet.fsu.edu  **Category:** Chemistry - Inorganic and Coordination  **Facility:** EMR Facility  **Highest Measured Field:** 14 T  **UCGP:** **Yes**    **VSP:** No   **Publication Status:** Manuscript in preparation  **Sign. Achievement:** No  **Director's Recommendation: No**  **Director's Comments:** None | Approved | | [**326**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=326) | **Title:** De Novo Design of Multinuclear Transition Metal Clusters in Helical Bundles  **First Author:** Zhang, SQ, UCSF, shaoqing.zhang@ucsf.edu  **PI:** DeGrado, WF, UCSF, Bill.Degrado@ucsf.edu  **Category:** Chemistry - Inorganic and Coordination  **Facility:** EMR Facility  **Highest Measured Field:** 9 T  **UCGP:** No    **VSP:** No   **Publication Status:** Not at this time  **Sign. Achievement:** No  **Director's Recommendation: No**  **Director's Comments:** None | Approved | | [**318**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=318) | **Title:** Dimeric Manganese(IV) Complexes with Tetraazaadamantane Ligands  **First Author:** Ozarowski, A., NHMFL, EMR, ozarowsk@magnet.fsu.edu  **PI:** Holynska, M., Plilipps University, Marburg, Germany, Chemistry, holynska@staff.uni-marburg.de  **Category:** Chemistry - Inorganic and Coordination  **Facility:** EMR Facility  **Highest Measured Field:** 14.9 T  **UCGP:** No    **VSP:** No   **Publication Status:** Manuscript in preparation  **Sign. Achievement:** No  **Director's Recommendation: No**  **Director's Comments:** None | Approved | | [**441**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=441) | **Title:** Effects of Ligand Substitution in Organic Radical Bridged Lanthanides  **First Author:** Marbey, J.J., MagLab and FSU, Physics, jjm13f@my.fsu.edu  **PI:** Long, J.R., UC Berkeley, Chemistry, jrlong@berkeley.edu  **Category:** Chemistry - Inorganic and Coordination  **Facility:** EMR Facility  **Highest Measured Field:** 35 T  **UCGP:** No    **VSP:** No   **Publication Status:** Not at this time  **Sign. Achievement:** No  **Director's Recommendation: No**  **Director's Comments:** None | Approved | | [**248**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=248) | **Title:** Electron Paramagnetic Resonance Characterization of a Neodymium Complex  **First Author:** Wang, Z., Huazhong University of Science and Technology, Wuhan National High Magnetic Field Center, zxwang@hust.edu.cn  **PI:** Wang, Z., Huazhong University of Science and Technology, Wuhan National High Magnetic Field Center, zxwang@hust.edu.cn  **Category:** Chemistry - Inorganic and Coordination  **Facility:** EMR Facility  **Highest Measured Field:** 12.5 T  **UCGP:** No    **VSP:** No   **Publication Status:** Manuscript in preparation  **Sign. Achievement:** No  **Director's Recommendation: No**  **Director's Comments:** None | Approved | | [**376**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=376) | **Title:** Heteroleptic Fe(II) Spin-Crossover Complexes with a N4S2 Coordination  **First Author:** Yergeshbayeva, S., FSU, Chemistry and Biochemistry, sandugash\_90@mail.ru  **PI:** Shatruk, M., FSU, Chemistry and Biochemistry, shatruk@chem.fsu.edu  **Category:** Chemistry - Inorganic and Coordination  **Facility:** EMR Facility  **Highest Measured Field:** 8 T  **UCGP:** **Yes**    **VSP:** No   **Publication Status:** Manuscript in preparation  **Sign. Achievement:** No  **Director's Recommendation: No**  **Director's Comments:** None | Approved | | [**325**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=325) | **Title:** HF-EPR Characterization of Paramagnetic Ag(2+) Sites in Several Prototypical Fluoride Systems  **First Author:** Grochala, W., Warsaw University, CENT, w.grochala@cent.uw.edu.pl  **PI:** Grochala, W., Warsaw University, CENT, w.grochala@cent.uw.edu.pl  **Category:** Chemistry - Inorganic and Coordination  **Facility:** EMR Facility  **Highest Measured Field:** 14.9 T  **UCGP:** No    **VSP:** No   **Publication Status:** Manuscript in preparation  **Sign. Achievement:** No  **Director's Recommendation: No**  **Director's Comments:** None | Approved | | [**311**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=311) | **Title:** HFEPR Investigations on The Anisotropy of Oligomers of Single-Molecule Magnets  **First Author:** Ozarowski, A., NHMFL, EMR, ozarowsk@magnet.fsu.edu  **PI:** Lampropoulos, C., University of North Florida, Chemistry, c.lampropoulos@unf.edu  **Category:** Chemistry - Inorganic and Coordination  **Facility:** EMR Facility  **Highest Measured Field:** 14.9 T  **UCGP:** No    **VSP:** No   **Published in** Inorg. Chem. 56/14755–14758  **Sign. Achievement:** No  **Director's Recommendation: No**  **Director's Comments:** None | Approved | | [**393**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=393) | **Title:** High Frequency Pulsed EPR Study of Yb(trensal)  **First Author:** Piligkos, S, University of Copenhagen, Chemistry, piligkos@chem.ku.dk  **PI:** Piligkos, S, University of Copenhagen, Chemistry, piligkos@chem.ku.dk  **Category:** Chemistry - Inorganic and Coordination  **Facility:** EMR Facility  **Highest Measured Field:** 12 T  **UCGP:** No    **VSP:** No   **Publication Status:** Not at this time  **Sign. Achievement:** No  **Director's Recommendation: No**  **Director's Comments:** None | Approved | | [**71**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=71) | **Title:** High-Field EPR of Unusual Complexes of Semiquinone Radicals  **First Author:** Witwicki, M., Wroclaw University, Faculty of Chemistry, maciej.witwicki@chem.uni.wroc.pl  **PI:** Witwicki, M., Wroclaw University, Faculty of Chemistry, maciej.witwicki@chem.uni.wroc.pl  **Category:** Chemistry - Inorganic and Coordination  **Facility:** EMR Facility  **Highest Measured Field:** 14.55 T  **UCGP:** No    **VSP:** No   **Publication Status:** Manuscript in preparation  **Sign. Achievement:** No  **Director's Recommendation: No**  **Director's Comments:** None | Approved | | [**309**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=309) | **Title:** High-Field EPR Studies On Tetra- And Penta-Coordinated Mn(III) Systems  **First Author:** Doerrer, L. H., Boston University, Chemistry, doerrer@bu.edu  **PI:** Doerrer, L. H., Boston University, Chemistry, doerrer@bu.edu  **Category:** Chemistry - Inorganic and Coordination  **Facility:** EMR Facility  **Highest Measured Field:** 14.9 T  **UCGP:** No    **VSP:** No   **Publication Status:** Manuscript in preparation  **Sign. Achievement:** No  **Director's Recommendation: No**  **Director's Comments:** None | Approved | | [**43**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=43) | **Title:** High-Frequency and -Field EPR of Organochromium(III) Complexes with Relevance as Alkene Polymerization Catalysts  **First Author:** Hansen, H.-B., Heidelberg U., Inorganic Chemistry, markus.enders@uni-heidelberg.de  **PI:** Enders, M., Heidelberg U., Inorganic Chemistry, markus.enders@uni-heidelberg.de  **Category:** Chemistry - Inorganic and Coordination  **Facility:** EMR Facility  **Highest Measured Field:** 14.5 T  **UCGP:** No    **VSP:** No   **Publication Status:** Manuscript in preparation  **Sign. Achievement:** **Yes**  **Director's Recommendation: Yes**  **Director's Comments:** None | Approved | | [**442**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=442) | **Title:** Investigating the Origin of the Barrier to Magnetic Relaxation when S = ½  **First Author:** Greer, S., MagLab and FSU, Chemistry, smg13v@my.fsu.edu  **PI:** Whittlesey, M., University of Bath, UK, Chemistry, M.K.Whittlesey@bathtub.ac.uk  **Category:** Chemistry - Inorganic and Coordination  **Facility:** EMR Facility  **Highest Measured Field:** 15 T  **UCGP:** No    **VSP:** No   **Publication Status:** Not at this time  **Sign. Achievement:** No  **Director's Recommendation: No**  **Director's Comments:** None | Approved | | [**328**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=328) | **Title:** Mössbauer and HFEPR Studies on Synthetic and Natural Gillespite, BaFeSi4O10  **First Author:** Salguero, T, University of Georgia, Athens GA, Chemistry, salguero@uga.edu  **PI:** Salguero, T, University of Georgia, Athens GA, Chemistry, salguero@uga.edu  **Category:** Chemistry - Inorganic and Coordination  **Facility:** EMR Facility  **Highest Measured Field:** 14.9 T  **UCGP:** No    **VSP:** No   **Publication Status:** Manuscript in preparation  **Sign. Achievement:** No  **Director's Recommendation: No**  **Director's Comments:** None | Approved | | [**88**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=88) | **Title:** Probing Molecular Magnetism by Infrared & Raman Spectroscopies in Magnetic Fields  **First Author:** Xue, Zilin, University of Tennessee, Chemistry, xue@ion.chem.utk.edu  **PI:** Xue, Zilin, University of Tennessee, Chemistry, xue@ion.chem.utk.edu  **Category:** Chemistry - Inorganic and Coordination  **Facility:** EMR Facility  **Highest Measured Field:** 15 T  **UCGP:** No    **VSP:** No   **Submitted to** Nature Comm.   **Sign. Achievement:** No  **Director's Recommendation: No**  **Director's Comments:** None | Approved | | [**310**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=310) | **Title:** Structural and HFEPR Studies on Polymeric Mn(III) Schiff-Base Complexes  **First Author:** Ozarowski, A., NHMFL, EMR, ozarowsk@magnet.fsu.edu  **PI:** Vassilyeva, O. Y., Taras Shevchemko University (Ukraine), Chemistry, vassilyeva@univ.kiev.ua  **Category:** Chemistry - Inorganic and Coordination  **Facility:** EMR Facility  **Highest Measured Field:** 14.9 T  **UCGP:** No    **VSP:** No   **Publication Status:** Manuscript in preparation  **Sign. Achievement:** No  **Director's Recommendation: No**  **Director's Comments:** None | Approved | | [**288**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=288) | **Title:** Terahertz EPR of 2D Co(II)-Au(I) Systems: Influence of Axially Coordinated Ligands on the Magnetic Anisotropy and SMMs Properties  **First Author:** Palacios, M.A., University of Granada, Spain, Inorganic Chemistry, mpalacios@ugr.es  **PI:** Colacio, E., University of Granada, Spain, Inorganic Chemistry, ecolacio@ugr.es  **Category:** Chemistry - Inorganic and Coordination  **Facility:** EMR Facility  **Highest Measured Field:** 17 T  **UCGP:** No    **VSP:** No   **Publication Status:** Manuscript in preparation  **Sign. Achievement:** **Yes**  **Director's Recommendation: Yes, definitely**  **Director's Comments:** None | Approved | | [**278**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=278) | **Title:** Unusual Single-Ion Magnet Behavior in a High-Spin Iron(III) Complex  **First Author:** Carbonell, J.M., University of Valencia, Spain, Inorganic Chemistry, J.Miguel.Carbonell@uv.es  **PI:** Cano, J., University of Valencia, Spain, Inorganic Chemistry, joan.cano@uv.es  **Category:** Chemistry - Inorganic and Coordination  **Facility:** EMR Facility  **Highest Measured Field:** 14.5 T  **UCGP:** No    **VSP:** No   **Publication Status:** Manuscript in preparation  **Sign. Achievement:** No  **Director's Recommendation: No**  **Director's Comments:** None | Approved | | [**424**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=424) | **Title:** Structural Analysis of Zn Lysine Complex in Toothpaste Formula by NMR and DNP  **First Author:** Cheng, C.C., Colgate-Palmolive Company, chi-yuan\_cheng@colpal.com  **PI:** Cheng, C.C., Colgate-Palmolive Company, chi-yuan\_cheng@colpal.com  **Category:** Chemistry - Inorganic and Coordination  **Facility:** NMR Facility  **Highest Measured Field:** 19.6 T  **UCGP:** No    **VSP:** No   **Publication Status:** Manuscript in preparation  **Sign. Achievement:** No  **Director's Recommendation: No**  **Director's Comments:** None | Approved | | [**392**](https://reporting.magnet.fsu.edu/reports/get.asp?ID=392) | **Title:** Mn-based metal organics pave the way to spin state transition-based multiferroics   **First Author:** Jakobsen, V., University College Dublin, Chemistry, vibe.jakobsen@ucdconnect.ie  **PI:** Morgan, G.G., University College Dublin, Chemistry, grace.morgan@ucd.ie  **Category:** Chemistry - Inorganic and Coordination  **Facility:** Pulsed Field Facility at LANL  **Highest Measured Field:** 65 T  **UCGP:** No    **VSP:** No   **Publication Status:** Not at this time  **Sign. Achievement:** No  **Director's Recommendation: No**  **Director's Comments:** None | Approved | | **Total Reports: 23** | | | |