

LAST-LAST MINUTE PROGRAM CHANGES

current as of 6/17/13

The following new abstract has been scheduled for WF05 – The abstract will be posted on the door of the presentation room, 160 Math Annex

WF05	DETECTION OF THE AMMONIUM ION IN SPACE SUPPORTED BY AN IMPROVED DETERMINATION OF THE 1_0-0_0 ROTATIONAL FREQUENCY FROM THE ν_4 BAND OF NH_3D^+ <i>J. L. DOMENECH, Molecular Physics Department, Instituto de Estructura de la Materia (IEM-CSIC). Serrano 123. 28006 Madrid, Spain</i>	2:38pm 15 min
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The following abstracts have been withdrawn: current as of 6/17/13

MF11	NON-ADIABATIC ENERGIES OF THE HYDROGEN MOLECULE. <i>KRZYSZTOF PACHUCKI</i> , Faculty of Physics, University of Warsaw, Ho\za 69, 00-681 Warsaw, Poland; JACEK KOMASA, Faculty of Chemistry, A. Mickiewicz University, Grunwaldzka 6, 60-780 Poznań, Poland	4:53pm 15 min
MF12	QED EFFECTS IN H_2 . <i>KRZYSZTOF PACHUCKI</i> , Faculty of Physics, University of Warsaw, Hoza 69, 00-681 Warsaw, Poland; JACEK KOMASA, Faculty of Chemistry, A. Mickiewicz University, Grunwaldzka 6, 60-780 Poznań, Poland	5:10pm 15 min
MI10	NEW DEVELOPMENTS OF BROADBAND CAVITY ENHANCED SPECTROSCOPIC TECHNIQUES. A. WALSH, <i>D. ZHAO</i> , H. LINNARTZ, Sackler Laboratory for Astrophysics, Leiden Observatory, University of Leiden, P.O. Box 9513, NL-2300 RA Leiden, the Netherlands; W. UBACHS, LaserLaB, VU University Amsterdam, De Boelelaan 1081, NL-1081 HV, Amsterdam, The Netherlands	4:14pm 15 min
MK14	MUTUAL CO-ASSIGNMENT OF THE CALCULATED VIBRATIONAL FREQUENCIES IN THE GROUND AND LOWEST EXCITED ELECTRONIC STATES <i>YURII N. PANCHENKO</i> , Laboratory of Molecular Spectroscopy, Division of Physical Chemistry, Department of Chemistry, Lomonosov Moscow State University, Moscow 119991, Russian Federation	5:25pm 10 min
TK06	RESONANCE ENHANCED MULTI-PHOTON IONIZATION (REMPI) AND DOUBLE RESONANCE (UV-UV AND IR-UV) SPECTROSCOPIC INVESTIGATION ISOCYTOSINE. <i>SEUNG JUN LEE</i> , AHREUM MIN, AHREUM AHN, CHEOL JOO MOON, MYONG YONG CHOI, Department of Chemistry and Research Institute of Natural Science, Gyeongsang National University, Jinju 660-701, Korea; SHUN-ICHI ISHIUCHI, MITSUHIKO MIYAZAKI, MASAOKI FUJII, Tokyo Institute of Technology, Chemical Resources Laboratory, Japan	2:55pm 15 min
TK07	RESONANCE ENHANCED MULTI-PHOTON IONIZATION AND UV-UV HOLE-BURNING SPECTROSCOPIC STUDIES OF JET-COOLED ACETANILIDE DERIVATIVES. <i>CEOL JOO MOON</i> AND AHREUM MIN, AHREUM AHN, SEUNG JUN LEE, MYONG YONG CHOI, Department of Chemistry (BK21), Gyeongsang National University, 501 Jinju Daero, Jinju 600-701, South Korea; SEONG KEUN KIM, Department of Chemistry and Biophysics & Biophysical Chemistry (WCU) Seoul National University, Seoul 151-747, South Korea	3:12pm 15 min
TK08	TAILOR MADE SYNTHESIS OF T-SHAPED AND π -STACKED DIMERS IN THE GAS PHASE: CONCEPT FOR EFFICIENT DRUG DESIGN AND MATERIAL SYNTHESIS. <i>SUMIT KUMAR</i> AND ALOKE DAS, Indian Institute of Science Education and Research (IISER), 900 NCL Innovation Park, Dr. Homi Bhabha Road, Pune-411008, Maharashtra, India	3:29pm 15 min
WF05	MOLECULAR HYDROGEN FORMATION : EFFECT OF DUST GRAIN TEMPERATURE FLUCTUATIONS. <i>EMERIC BRON</i> , JACQUES LE BOURLOT AND FRANCK LE PETIT, LUTH - Observatoire de Paris, CNRS UMR 8102, Université Paris Diderot	2:38pm 15 min
RA02	TUNNELING SPLITTINGS IN VIBRONIC STRUCTURE OF CH_3F^+ (X^2E): STUDIED BY HIGH RESOLUTION PHOTOELECTRON SPECTRA AND AB-INITIO THEORETICAL METHOD. <i>YUXIANG MO</i> , SHUMING GAO, ZUYANG DAI AND HUA LI, Department of Physics and State Key Laboratory of Low-Dimensional Quantum Physics, Tsinghua University, Beijing 100084, China.	9:05am 15 min
RB04	ACCURATE POTENTIAL ENERGY CURVES FOR THE GROUND ELECTRONIC STATES OF NeH^+ AND ArH^+ . JOHN A. COXON, Department of Chemistry, Dalhousie University, Halifax, Nova Scotia, Canada B3H 4J3; <i>PHOTOS G. HAJIGEORGIU</i> , Department of Life and Health Sciences, University of Nicosia, Nicosia 1700, Cyprus	9:21am 15 min
RC09	CHARACTERIZATION OF SILICON SULFIDES BY CHIRPED-PULSE ROTATIONAL SPECTROSCOPY. <i>MICHAEL C. MCCARTHY</i> , KYLE N. CRABTREE, OSCAR MARTINEZ JR., Harvard-Smithsonian Center for Astrophysics, 60 Garden Street, Cambridge, MA 02138, and School of Engineering and Applied Sciences, Harvard University, 29 Oxford Street, Cambridge, MA 02138	11:04am 15 min

RC10	DETECTION OF TWO HIGHLY-STABLE SILICON NITRIDES BY CHIRPED-PULSE ROTATIONAL SPECTROSCOPY: HSiNSi and SiH ₃ NSi. MICHAEL C. MCCARTHY , KYLE N. CRABTREE, OSCAR MARTINEZ JR., Harvard-Smithsonian Center for Astrophysics, 60 Garden Street, Cambridge, MA 02138, and School of Engineering and Applied Sciences, Harvard University, 29 Oxford Street, Cambridge, MA 02138.	11:21am 15 min
RG08	HOW MANY VIBRATIONAL LEVELS DOES THE GROUND ELECTRONIC STATE OF THE SODIUM DIMER SUPPORT? PHOTOS G. HAJIGEORGIU , Department of Life and Health Sciences, University of Nicosia, Nicosia 1700, Cyprus.	3:24pm 15 min
FA09	TORSION-ROTATION-VIBRATION EFFECTS IN THE ν_{20} , $2\nu_{21}$, $2\nu_{13}$ AND $\nu_{21} + \nu_{13}$ STATES OF CH ₃ CH ₂ CN. ADAM M. DALY , JOHN C. PEARSON, SHANSHAN YU, BRIAN J. DROUIN, Jet Propulsion Laboratory, California Institute of Technology, 4800 Oak Grove Dr., Pasadena, CA 91109; C. BERMÚDEZ, J. L. ALONSO, Grupo de Espectroscopia Molecular (GEM), Edificio Quifima, Laboratorios de Espectroscopia y Bioespectroscopia, Parque Científico, Universidad de Valladolid, 47011 Valladolid, Spain	11:04am 15 min
FA12	A LABORATORY SEARCH FOR THE CARRIER OF U-LINES ATTRIBUTED TO I-C ₃ H ⁺ IN THE HORSEHEAD NEBULA PDR. MICHAEL C. MCCARTHY , KYLE N. CRABTREE AND OSCAR MARTINEZ JR., Harvard-Smithsonian Center for Astrophysics, Cambridge, MA 02138	11:55am 15 min
FD10	AB INITIO STUDY OF ION-PAIR STATES OF THE IODINE MOLECULE. VADIM A. ALEKSEEV , Institute of Physics, St.Petersburg State University, Uljanovskaja St.1, Peterhof, 198504 St.Petersburg, Russia	11:03am 15 min

Please note the following changes: current as of June 16

<p>MF10 will be presented by Jinjun Liu MH12 will be presented by J. L. Alonso MJ14 will be presented Friday in the FE13 timeslot – 12:09pm MJ15 will move to MJ14 5:24pm MJ16 will move to MJ15 5:41pm TA08 will be presented by Corine Meinema TA09 will be presented by J. E. van den Berg TB06 will be presented Thursday in the RE11 timeslot – 11:50am TD03 and TD04 will switch times TF15 will be presented by David DeMille WF08 will be presented by Wim Ubachs WH15 will be presented by Laurent Manceron WJ15 will be presented by Wim Ubachs RE10 powerpoint only will be presented RK08 will be presented by J. L. Alonso RK11 will be presented by Stephen Kukolich</p>
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Due to the cancellation of MF11 and MF12, MF13 and MF14 will be moved up to 4:53pm and 5:10pm respectively.

Due to the cancellation of FD10, FD11 through FD16 will be moved up 15 minutes starting at 11:03am.