List of Accepted Posters

Session 1

Poster Number	Surname	Firstname	Poster Title
1	Abolins	Brendan	Path Integral Ground State Monte Carlo Studies of Dipolar Systems
2	Adu Smith	David	Carbon Monoxide Molecules
3	Allmendinger	Pitt	Surface-based decelerators for Rydberg atoms and molecules
4	Astrakharchik	Grigori	Phase diagram of a classical multilayer system of dipoles.
5	Barry	John	Laser cooling, slowing and trapping of strontium monofluoride
6	Basler Carl	Reininger Katrin	On the response of electromagnetically-induced transparency to laser phase changes
7	Blackley	Caroline	An ultracold mixture of 85Rb and 133Cs: Theory
8	Bruni	Cristian	Two-photon photoassociation spectroscopy of heteronuclear YbRb
9	Bruvelis	Martins	Laser manipulation of adiabatic states and its application towards resolution of hyper-fine structure and population switching
10	Chaudhuri	Saptarishi	Towards Ultracold Bosonic 39K-87Rb Polar Molecules in 3D Optical Lattice
11	Chervenkov	Sotir	A Centrifuge Decelerator for Polar Molecules
12	Chirayath Mathavan	Sreekanth	Ultracold molecules towards a parity violation measurement
13	Covey	Jacob	Design features of the forthcoming second generation JILA KRb system

14	Deb	Nabanita	BBR Heating of Ultracold Ions
15	Deb	Amita Bikram	Efimov Physics using an ultracold atom collider
16	Dulitz	Katrin	Towards Cold Chemistry with Magnetically Decelerated Hydrogen Atoms
17	Dutta	Omjyoti	Ultracold molecules in optical lattices revisited
18	Eberle	Pascal	Reactions Between Laser-Cooled Ions and Atoms at Ultra-Low Collision Energies
19	Englert	Barbara	Manipulation of Molecular States in a Homogeneous Field Trap
20	Ferrari	Gabriele	A compact and high flux source of cold sodium and potassium atoms
21	Fitch	Noah	Continuous Wave Stark Deceleration
22	Frisch	Albert	Observation of Feshbach resonances in ultracold Er gases
23	Gabbanini	Carlo	Formation and REMPI spectroscopy of ultracold RbCs molecules
24	Goeders	James	Progress towards measuring vibrational overtones of CaH+
25	Gonzalez-Martinez	Maykel L.	Ultracold atomic hydrogen: A versatile coolant to produce ultracold molecules
26	Gröbner	Michael	Towards ultracold dipolar KCs molecules
27	Heazlewood	Brianna	Cold charge-transfer reactions with a Stark decelerated molecular beam
28	Jachymski	Krzysztof	Reactive collisions of polar molecules: from ultracold to classical limit
29	John	Holger	Optical trapping of neutral mercury
30	Kiffner	Martin	Dipole-Dipole coupled double Rydberg molecules
31	Koppinger	Michael	An ultracold mixture of 85Rb and 133Cs: Experiment
32	Krych	Michal	Non-universal reactive collisions of polar molecules in quasi-2d traps
33	Kugler	Michael D.	Creation of a sample of ultracold RbCs ground state molecules
34	Kuhn	Stefan	Large molecular clusters coupled to intense cavity fields

Session 2

Poster Number	Surname	Firstname	Poster Title
1	Lam	Jessica	Cold, Magnetically-Trapped Br Atoms
2	Le Sueur	Ruth	Angular representation of high-lying bound state wavefunctions. Comparing 85RbCs and 87RbCs
3	Lepers	Maxence	Suppression of anisotropic interactions between ultracold polar molecules
4	Londono	Beatriz	Comparative study of radiative properties of ultracold alkali dimers
5	Lutz	Jesse	Prospects for Producing Ultracold Methyl Halide Molecules CH$_{3}${\it X} ({\it X} = F, Cl, Br, I) \via Sympathetic Cooling with Alkali Metals A (A = Li, Na, K, Rb): An Ab Initio Study of Interaction Potentials and Reaction Pathways
6	Macia	Adrian	Quantum phase transition at high density for two-dimensional dipolar Bose gases with a tilted polarization
7	Mark	Manfred	Ultracold rovibronic groundstate molecules in an optical lattice
8	Mattioli	Marco	Anomalous quantum liquids and cluster states in ultracold Rydberg ensembles
9	Matveeva	Natalia	Liquid and crystal phase of dipolar fermions in two dimensions
10	Mazzanti Castrillejo	Ferran	Stripe phase formation in an 2D system of tilted bosonic dipoles
11	Meinema	Corine	Ultracold molecules towards a parity violation measurement
12	Moses	Steven	Increasing phase-space density of ultracold KRb molecules
13	Mudrich	Marcel	Cold molecules and hot nanoplasmas; Femtosecond spectroscopy of doped helium nanodroplets
14	Mur-Petit	Jordi	Measurement and control of cold molecular ions
15	Omiste Romero	Juan José	Fine- and Hyperfine structure of diatomic molecules in external fields
16	Peter	David	Anomalous Behavior of Spin Systems with Dipolar Interactions
17	Pikovski	Alexander	Collisions of ultracold fermionic molecules: Averaged rates and state-changing collisions

18	Pollum	Laura	Electrostatic extraction of buffer gas cooled beams for studying ion-molecule chemistry at low temperatures
19	Reichsöllner	Lukas	Improving the production efficiency of RbCs rovibronic ground-state molecules with an optical lattice
20	Rennick	Christopher	Cold, Magnetically-Trapped Bromine Atoms
21	Roy	Sanjukta	Universality of the three-body parameter of Efimov trimer states in Potassium atoms
22	Sanpera	Anna	Spin-driven spatial symmetry breaking of spinor condensates in a double well
23	Santambrogio	Gabriele	A Microchip Decelerator for Polar Molecules
24	Seyfried Jannis	Welte Stephan	Dynamical phase measurements and steep dispersion at EIT conditions in 87Rb
25	Strebel	Matthias	Cold Atom-Molecule Collision Studies at Tunable Velocities
26	Tomza	Michal	Optimal multiphoton production of ultracold ground-state molecules with femtosecond laser pulses
27	Truppe	Stefan	Microwave Spectroscopy of CH Molecules as a Search for Time Variation of Fundamental Constants
28	Ulmanis	Juris	Ultracold Bose-Fermi mixtures of Li and Cs
29	Vodola	Davide	Magnetic properties of commensurate Bose--Bose mixtures in one-dimensional optical lattices
30	Volosniev	Artem	Borromean states in two dimensions
31	Wu	Xing	Electrically guided continuous supersonic beams of polar molecules from a cryogenic buffer-gas source
32	Zhang	Xiaohang	Barium Ions and Helium Nanodroplets: Solvation and Desolvation
33	Zeppenfeld	Martin	Sisyphus Cooling of Polyatomic Molecules
34	Zuchowski	Piotr	Feshbach resonances in mixtures of closed-shell and open-shell atoms