

**Doctoral training: Winter school on physics with trapped charged particles**

January 8<sup>th</sup> - 19<sup>th</sup>, Niels MADSEN, Martina KNOOP, Richard THOMPSON, William BERTSCHE

**Imaging metabolism**

January 21<sup>st</sup> - 26<sup>th</sup>, Bertrand TAVITIAN, Michal NEEMAN, Vasilis NTZIACHRISTOS, Emmanuel BOSSY

**Frank HEKKING memorial workshop**

January 28<sup>th</sup> - 30<sup>th</sup>, Wiebke GUICHARD, Hervé COURTOIS, Anna MINGUZZI, Luigi AMICO, Jukka PEKOLA

**CERN LHCb-Team retreat**

January 31<sup>st</sup> - February 2<sup>nd</sup>, Andreas SCHOPPER, Rolf LINDNER

**Spin mechanics & nano-MRI**

February 11<sup>th</sup> - 16<sup>th</sup>, Olivier ARCIZET, Oliver KLEIN, Benjamin PIGEAU

**Evolution of diversity**

February 25<sup>th</sup> - March 2<sup>nd</sup>, David LACOSTE, Eric AURELL, Namiko MITARAI, Kim SNEPPEN

**Energy transitions: toward an international panel on energy science**

March 4<sup>th</sup> - 9<sup>th</sup>, Hervé BERCEGOL, Marie DEGREMONT, Zeynep KAHRAMAN, Jacques TREINER

**Origin and evolution of water and associated volatile elements - carbon, nitrogen, noble gases - in the early Solar System**

March 11<sup>th</sup> - 16<sup>th</sup>, Bernard MARTY, Evelyn FÜRI, Yves MARROCHI, Alessandro MORBIDELLI

**Fluorescence markers for advanced microscopy: from photophysics to biology**

March 18<sup>th</sup> - 23<sup>rd</sup>, Dominique BOURGEOIS, Emmanuel MARGEAT, Fabienne MEROLA, Ulrike ENDESFELDER

**Physics of solar cells: from basics to nanoscience**

March 25<sup>th</sup> - 30<sup>th</sup>, Stéphane COLLIN, Laurent LOMBEZ, Andrea CATTONI

**Polycyclic aromatic hydrocarbons in the interstellar medium: observational, experimental and computational tools**

April 1<sup>st</sup> - 6<sup>th</sup>, Antoine GUSDORF, Alexander TIELENS

**Mechanobiology of polarized cells**

April 8<sup>th</sup> - 13<sup>th</sup>, Kai ERDMANN, Agnieszka SKOWRONEK

**Excitonics for photonic applications**

April 16<sup>th</sup> - 27<sup>th</sup>, Sébastien CHENAIS, Emmanuelle DELEPORTE, Lionel HIRSCH, Riad HAÏDAR

**Third scientific workshop of the SVOM mission: disentangling the merging universe with SVOM**

May 13<sup>th</sup> - 18<sup>th</sup>, Bertrand CORDIER, Jianyan WEI

**Quantum fields, scattering and spacetime horizons: mathematical challenges**

May 21<sup>st</sup> - May 25<sup>th</sup>, Dietrich HÄFNER, Michal WROCHNA

**Protein dynamics**

May 27<sup>th</sup> - June 1<sup>st</sup>, Paul SCHANDA, Martin WEIK, James FRASER, Matthias HEYDEN

**Structures in local quantum field theory**

June 4<sup>th</sup> - 15<sup>th</sup>, Spencer BLOCH, Dirk KREIMER

**Ultracold quantum matter**

June 17<sup>th</sup> - 22<sup>nd</sup>, Jérôme BEUGNON, Jean DALIBARD, Sylvain NASCIBENE

**Quantum fluids of light and matter**

June 24<sup>th</sup> - 29<sup>th</sup>, Alberto BRAMATI, Cristiano CIUTI

**Summer school: Gravitational waves**

July 2<sup>nd</sup> - 27<sup>th</sup>, Bruce ALLEN, Marie-Anne BIZOUARD, Nelson CHRISTENSEN, Pierre-François COHADON

**Summer school: Integrability in atomic and condensed matter physics**

July 30<sup>th</sup> - August 24<sup>th</sup>, Jean-Sébastien CAUX, Nicolai KITANINE, Andreas KLÜMPER, Robert KONIK

**Summer school: Active matter and non-equilibrium statistical physics**

August 27<sup>th</sup> - September 21<sup>st</sup>, Gerhard GOMPPER, M Cristina MARCHETTI, Julien TAILLEUR, Julia YEOMANS

**Cloud academy: cloud formation and properties in extrasolar planets**

September 23<sup>rd</sup> - 28<sup>th</sup>, Daniel APAI, Nicolas IRO, Christiane HELLING

**Doctoral training: Ultracold Fermions**

October 1<sup>st</sup> - 12<sup>th</sup>, Frédéric CHEVY, Mathilde FOUCHE, Fabrice GERBIER, Philippe VERKERK

**Doctoral training: Internal Earth**

October 15<sup>th</sup> - 26<sup>th</sup>, Philippe Cardin, Stéphane Labrosse

**La main à la pâte : Graines de science**

October 28<sup>th</sup> - November 2<sup>nd</sup>, Gabrielle ZIMMERMANN

**CERN Theory department retreat**

November 7<sup>th</sup> - 9<sup>th</sup>, Michelangelo MANGANO, Gian GIUDICE



**2018 PROGRAM**

<https://houches.univ-grenoble-alpes.fr/>