

# Sören Schlichting

## *Curriculum Vitæ*

Born in Frankfurt a.M., Germany, July 26<sup>th</sup> 1987  
Citizenship: Germany    Marital Status: Unmarried  
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## RESEARCH INTERESTS

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- HIGH ENERGY NUCLEAR THEORY    Heavy-ion collision: Early time dynamics & Thermalization process,  
Initial state correlations, Electromagnetic and Hard probes  
Nucleon structure: Small-x physics & gluon saturation, Multi-parton correlations
- NON-EQUILIBRIUM FIELD THEORY    Development and applications of real-time lattice techniques  
Universal dynamics far from equilibrium and wave turbulence  
Dynamics of topological transitions and anomalous transport phenomena  
Dynamic critical phenomena and non-equilibrium phase transitions

## PROFESSIONAL EXPERIENCE

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- SEP 2018 – present    *(W1) Junior Professor (tenure track W3)*  
**Universität Bielefeld**, Bielefeld, Germany  
Theoretical Physics
- SEP 2016 – SEP 2018    *Research Assistant Professor*  
**University of Washington**, Seattle, WA United States  
Nuclear Theory Group
- JAN 2014 – SEP 2016    *Goldhaber Distinguished Fellow*  
OCT 2013 – DEC 2013    *Postdoctoral Research Associate*  
**Brookhaven National Laboratory**, Upton, NY United States  
Nuclear Theory Group

## ACADEMIC TRAINING

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- OCT 2011 – AUG 2013    *Ph.D., Physics (summa cum laude)*  
**Universität Heidelberg**, Heidelberg, Germany  
Supervisor: Prof. Jürgen Berges  
Thesis title: “*Non-equilibrium dynamics and thermalization of weakly coupled non-abelian plasmas*”
- OCT 2010 – SEPT 2011    *Ph.D., Physics (continued in Heidelberg)*  
**Technische Universität Darmstadt**, Darmstadt, Germany  
Supervisor: Prof. Jürgen Berges
- SEPT 2009 – AUG 2010    *M.Sc., Physics*  
**Michigan State University**, East Lansing, MI United States  
Supervisor: Prof. Scott Pratt  
Thesis title: “*Charge conservation in RHIC and contributions to local parity violation observables*”
- OCT 2006 – AUG 2009    *B.Sc., Physics (with distinction)*  
**Technische Universität Darmstadt**, Darmstadt, Germany  
Supervisor: Prof. Jürgen Berges  
Thesis title: “*Dynamic critical phenomena from the lattice*”

## AWARDS

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2014– 2016	<b>Goldhaber Distinguished Fellowship</b> (\$20k salary bonus plus \$12k travel/material funds per year)
2011– 2013	<b>HGS-HIRe for FAIR Fellowship</b> (EUR 1k travel funds per year)
2007 – 2010	<b>Studienstiftung des dt. Volkes Scholarship</b> (EUR 1.8k scholarship per year)

## TEACHING EXPERIENCE

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**Undergraduate Lecturer**, Technische Universität Darmstadt  
“*Repetitorium to Introduction to Theoretical Physics*” (Summer 2008)

**Substitute Lecturer**, University of Washington  
“*PHY 517-519: Graduate Quantum mechanics*” (7 lectures in 2016-2017)  
“*PHY 227-228: Elementary mathematical physics*” (5 lectures in 2017-2018)

**Undergraduate Teaching Assistant**, Technische Universität Darmstadt & Universität Heidelberg  
“*Theoretical Physics I: Classical mechanics*”, “*Introduction to Theoretical Physics*”,  
“*Linear Algebra I/II*” (Winter 2007 – Winter 2012)

**Undergraduate Thesis Co-Supervisor**, Technische Universität Darmstadt  
Student: *Kirill Boguslavski* (Spring 2011)  
Thesis title: “*Parametric resonance and turbulence in expanding systems*”

## PROFESSIONAL SERVICES

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### Referee

American Physical Society’s journals: **Phys. Rev. Lett.**, **Phys. Rev. C**, **Phys. Rev. D**  
Elsevier’s journal: **Nucl. Phys. A**, **Annals of Physics**  
Springer’s journal: **Centr. Eur. J. Phys.**

### Grant reviewer

National Science Center Poland

### Seminar and Workshop organization

Session organizer at 2015,2016 & 2018 RHIC/AGS Users meeting  
Chair of BNL Nuclear Theory seminar committee (OCT 2014 – SEPT 2016)  
Organizer of UW Nuclear Theory Brown-Bag seminar (OCT 2016 – present )

### Member of “Chiral magnetic effect in heavy-ion collisions” task-force

Contributed to critical assessment of present status and recommendations for future strategies  
at the request of BNL Assoc. Lab Director B. Mueller (c.f. task-force report arXiv:1608:00982)

### Contributor to DOE Exascale Requirements Review for Nuclear Physics

Contributed case study for Hot-QCD sub-panel

## LIST OF PUBLICATIONS

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### PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. “*Universal quark to gluon ratio in medium-induced parton cascade,*”  
Y. Mehtar-Tani and S. Schlichting,  
**JHEP** 1809, 144 (2018).
2. “*Off-equilibrium infrared structure of self-interacting scalar fields: Universal scaling, Vortex-antivortex superfluid dynamics and Bose-Einstein condensation,*”  
J. Deng, S. Schlichting, R. Venugopalan and Q. Wang,  
**Phys. Rev. A** 97, no. 5, 053606 (2018)
3. “*Linearly polarized gluons and axial charge fluctuations in the Glasma,*”  
T. Lappi and S. Schlichting,  
**Phys. Rev. D** 97, no. 3, 034034 (2018)
4. “*Importance of initial and final state effects for azimuthal correlations in p+Pb collisions,*”  
M. Greif, C. Greiner, B. Schenke, S. Schlichting and Z. Xu,  
**Phys. Rev. D** 96, no. 9, 091504 (2017)
5. “*Predictions for Cold Nuclear Matter Effects in p+Pb Collisions at  $\sqrt{s_{NN}} = 8.16$  TeV,*”  
J. L. Albacete *et al.*,  
**Nucl. Phys. A** 972, 18 (2018)
6. “*Universal self-similar scaling of spatial Wilson loops out of equilibrium,*”  
J. Berges, M. Mace and S. Schlichting  
**Phys. Rev. Lett.** 118, no. 19, 192005 (2017)
7. “*Non-equilibrium study of the chiral magnetic effect from real-time simulations with dynamical fermions,*”  
M. Mace, N. Mueller, S. Schlichting and S. Sharma,  
**Phys. Rev. D** 95, no. 3, 036023 (2017)
8. “*Mass ordering of spectra from fragmentation of saturated gluon states in high multiplicity proton-proton collisions,*”  
B. Schenke, S. Schlichting, P. Tribedy and R. Venugopalan,  
**Phys. Rev. Lett.** 117, no. 16, 162301 (2016)
9. “*Chiral magnetic effect and anomalous transport from real-time lattice simulations*”  
N. Mueller, S. Schlichting and S. Sharma  
**Phys. Rev. Lett.** 117, no. 14, 142301 (2016)
10. “*3-D Glasma initial state for relativistic heavy ion collisions*”  
B. Schenke and S. Schlichting,  
**Phys. Rev. C** 94, 044907 (2016)
11. “*Off-equilibrium sphaleron transitions in the Glasma*”  
M. Mace, S. Schlichting and R. Venugopalan,  
**Phys. Rev. D** 93, 7, 074036 (2016)
12. “*Tracing the origin of azimuthal gluon correlations in the color glass condensate*”  
T. Lappi, B. Schenke, S. Schlichting and R. Venugopalan  
**JHEP** 1601, 061 (2016)
13. “*Nonequilibrium fixed points in longitudinally expanding scalar theories: infrared cascade, Bose condensation and a challenge for kinetic theory*”  
J. Berges, K. Boguslavski, S. Schlichting and R. Venugopalan  
**Phys. Rev. D** 92, 9, 096006 (2015)

14. “Azimuthal anisotropies in  $p+Pb$  collisions from classical Yang-Mills dynamics”  
B. Schenke, S. Schlichting and R. Venugopalan  
**Phys. Lett. B** 747, 76 (2015)
15. “Universality far from equilibrium: From superfluid Bose gases to heavy-ion collisions”  
J. Berges, K. Boguslavski, S. Schlichting and R. Venugopalan  
**Phys. Rev. Lett.** 114, 6, 061601 (2015)
16. “The shape of the proton at high energies”  
S. Schlichting and B. Schenke  
**Phys. Lett. B** 739, 313 (2014)
17. “Basin of attraction for turbulent thermalization and the range of validity of classical-statistical simulations”  
J. Berges, K. Boguslavski, S. Schlichting and R. Venugopalan  
**JHEP** 1405, 054 (2014)
18. “Universal attractor in a highly occupied non-Abelian plasma”  
J. Berges, K. Boguslavski, S. Schlichting and R. Venugopalan  
**Phys. Rev. D** 89, 11, 114007 (2014)
19. “Turbulent thermalization process in heavy-ion collisions at ultrarelativistic energies”  
J. Berges, K. Boguslavski, S. Schlichting and R. Venugopalan  
**Phys. Rev. D** 89, 7, 074011 (2014)
20. “The non-linear Glasma”  
J. Berges and S. Schlichting  
**Phys. Rev. D** 87, 1, 014026 (2013)
21. “Turbulent thermalization of weakly coupled non-abelian plasmas”  
S. Schlichting  
**Phys. Rev. D** 86, 065008 (2012)
22. “Over-populated gauge fields on the lattice”  
J. Berges, S. Schlichting and D. Sexty  
**Phys. Rev. D** 86, 074006 (2012)
23. “Nonlinear amplification of instabilities with longitudinal expansion”  
J. Berges, K. Boguslavski and S. Schlichting  
**Phys. Rev. D** 85, 076005 (2012)
24. “Out of equilibrium dynamics of coherent non-abelian gauge fields”  
J. Berges, S. Scheffler, S. Schlichting and D. Sexty  
**Phys. Rev. D** 85, 034507 (2012)
25. “Effects of Momentum Conservation and Flow on Angular Correlations at RHIC”  
S. Pratt, S. Schlichting and S. Gavin  
**Phys. Rev. C** 84, 024909 (2011)
26. “Charge conservation at energies available at the BNL Relativistic Heavy Ion Collider and contributions to local parity violation observables”  
S. Schlichting and S. Pratt  
**Phys. Rev. C** 83, 014913 (2011)
27. “Dynamic critical phenomena from spectral functions on the lattice”  
J. Berges, S. Schlichting and D. Sexty  
**Nucl. Phys. B** 832, 228-240 (2010)

## PRE-PRINTS

1. “*Matching the non-equilibrium initial stage of heavy ion collisions to hydrodynamics with QCD kinetic theory*”  
A. Kurkela, A. Mazeliauskas, J. F. Paquet, S. Schlichting and D. Teaney,  
arXiv:1805.01604 [hep-ph] (submitted to Phys. Rev. Lett.)
2. “*Effective kinetic description of event-by-event pre-equilibrium dynamics in high-energy heavy-ion collisions*”  
A. Kurkela, A. Mazeliauskas, J. F. Paquet, S. Schlichting and D. Teaney,  
arXiv:1805.00961 [hep-ph] (submitted to Phys. Rev. C)

## INVITED REVIEWS IN PEER-REVIEWED JOURNALS

1. “*Collectivity in Small Collision Systems: An Initial-State Perspective*”  
S. Schlichting and P. Tribedy  
**Adv. High Energy Phys.** 2016, 8460349 (2016)

## CONFERENCE PROCEEDINGS IN PEER-REVIEWED JOURNALS

1. “*Hadronic observables in  $p+p$  and  $d+Au$  collisions at RHIC using CGC+PYTHIA,*”  
B. Schenke, S. Schlichting, P. Tribedy and R. Venugopalan,  
arXiv:1807.05632 [nucl-th] (Quark Matter 2018 conference proceedings – submitted to Nucl. Phys. A)
2. “*Collectivity in small systems - Initial state vs. final state effects,*”  
M. Greif, C. Greiner, B. Schenke, S. Schlichting and Z. Xu,  
**EPJ Web Conf.** 172, 05007 (2018) (ISMD 2017 conference proceeding)
3. “*Initial conditions for hydrodynamics from kinetic theory equilibration*”  
A. Kurkela, A. Mazeliauskas, J. F. Paquet, S. Schlichting and D. Teaney,  
**Nucl. Phys. A** 967 (2017) 289-292 (Quark Matter 2017 conference proceedings)
4. “*Simulating chiral magnetic effect and anomalous transport phenomena in the pre-equilibrium stages of heavy-ion collisions*”  
M. Mace, N. Mueller, S. Schlichting and S. Sharma,  
**Nucl. Phys. A** 967 (2017) 752-755 (Quark Matter 2017 conference proceedings)
5. “*3-D Glasma initial state from small- $x$  evolution*”  
B. Schenke and S. Schlichting,  
**Nucl. Phys. A** 967 (2017) 285-288 (Quark Matter 2017 conference proceedings)
6. “*Initial state and pre-equilibrium effects in small systems*”  
S. Schlichting  
**Nucl. Phys. A** 956, 216 (2016) (Quark Matter 2015 conference proceedings)
7. “*Turbulent thermalization process in high-energy heavy-ion collisions*”  
J. Berges, B. Schenke, S. Schlichting and R. Venugopalan  
**Nucl. Phys. A** 931, 348 (2014) (Quark Matter 2014 conference proceedings)

## LIST OF PRESENTATIONS (SINCE 2012)

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### PRESENTATIONS AT MAJOR INTERNATIONAL CONFERENCES & SOCIETY MEETINGS

OCT 2018	<b>Hard Probes 2018</b> Invited plenary talk <i>“Early time dynamics and hard probes in heavy-ion collisions (theory)”</i> Parallel talk <i>“Universal <math>q/g</math> ratio in medium induced parton cascade”</i>	Aix-les-Bains, France
MAY 2018	<b>xQCD 2018</b> Contributed talk <i>“Jet fragmentation in a QCD medium”</i>	Frankfurt a.M., Germany
SEPT 2017	<b>ISMD 2017</b> Invited talk <i>“Collectivity in small systems”</i>	Tlaxcala, Mexico
AUG 2017	<b>Critical point and onset of deconfinement 2017</b> Invited plenary talk <i>“Chiral magnetic effect &amp; anomalous transport in real-time”</i>	Stonybrook (NY), United States
JUN 2017	<b>RHIC AGS Users Meeting 2017</b> Invited plenary talk <i>“Chiral magnetic effect &amp; Early time dynamics”</i>	Upton (NY), United States
FEB 2017	<b>APS Topical Group on Hadronic Physics (GHP) meeting</b> Invited plenary talk <i>“Recent developments in Heavy-Ion Theory”</i>	Washington D.C., United States
FEB 2017	<b>Quark Matter 2017</b> Parallel talk <i>“3-D Glasma initial state from small-<math>x</math> evolution”</i>	Chicago (IL), United States
OCT 2016	<b>APS Division of Nuclear Physics (DNP) meeting</b> Contributed talk <i>“Chiral magnetic effect &amp; anomalous transport from real-time lattice simulations”</i>	Vancouver (BC), Canada
NOV 2016	<b>Physics Opportunities at an Electron Ion Collider VII</b> Invited parallel talk <i>“Azimuthal correlations in <math>p+p/A</math> &amp; relations to nucleon structure”</i>	Philadelphia (PA), United States
SEP 2016	<b>Quark confinement and the Hadron Spectrum</b> Invited parallel talk <i>“Initial state and pre-equilibrium effects in small systems”</i> Plenary flash talk <i>“Chiral magnetic effect &amp; anomalous transport from real-time lattice simulations”</i>	Thessaloniki, Greece
MAY 2016	<b>Initial Stages in High-Energy Nuclear Collisions</b> Invited plenary talk <i>“Equilibration process in weak-coupling approaches“</i>	Lisbon, Portugal
OCT 2015	<b>Quark Matter 2015</b> Invited plenary talk	Kobe, Japan

*“Initial state and pre-equilibrium effects in small systems”*

DEC 2014	<b>Initial Stages in High-Energy Nuclear Collisions</b> Invited parallel talk <i>“The shape of the proton at high energies”</i>	Napa (CA), United States
SEP 2014	<b>Physics Opportunities at an Electron Ion Collider V</b> Invited parallel talk <i>“Theory puzzles in <math>p+A</math> and <math>A+A</math> collisions”</i>	New Haven (CT), United States
JUL 2014	<b>Strong and Electro-Weak Matter 2014</b> Invited plenary talk <i>“Thermalization process in weakly coupled field theories far from equilibrium”</i>	Lausanne, Switzerland
MAY 2014	<b>Quark Matter 2014</b> Parallel talk <i>“Turbulent thermalization process in high-energy heavy-ion collisions”</i>	Darmstadt, Germany
MAR 2014	<b>German Physical Society – Spring meeting</b> Invited plenary talk at Dissertation Award Symposium <i>“Turbulent thermalization process in high-energy heavy-ion collisions”</i>	Mainz, Germany
MAR 2013	<b>German Physical Society – Spring meeting</b> Parallel talk <i>“Thermalization of weakly coupled non-abelian plasmas”</i>	Dresden, Germany
MAR 2012	<b>Quarks in Nuclear Physics</b> Parallel talk <i>“Non-linear effects in the Glasma evolution”</i>	Palaiseau, France

## PRESENTATIONS AT WORKSHOPS

SEP 2018	<b>Institute for Nuclear Theory</b> Workshop on ”Advances in Monte Carlo Techniques for Many-Body Quantum Systems” <i>“Dynamic critical phenomena from real- time spectral functions on the lattice”</i>	Seattle (WA), United States
JUL 2018	<b>RIKEN BNL Research Center</b> Workshop on ”Probing Quark-Gluon Matter with Jets” <i>“Universal <math>q/g</math> ratio in medium induced parton cascade”</i>	Upton (NY), United States
JAN 2018	<b>Jets and heavy-flavor workshop</b> <i>“Equilibration of the QGP and connections to jet physics”</i>	Santa-Fe (NM), United States
OCT 2017	<b>QCD challenges from pp to AA</b> <i>“Non-equilibrium dynamics in AA collisions”</i>	Puebla, Mexico
APR 2017	<b>RIKEN BNL Research Center</b> Workshop on ”Saturation: Recent Developments, New Ideas & Measurements” <i>“Event-by-event pre-equilibrium dynamics”</i>	Upton (NY), United States
FEB 2017	<b>RIKEN BNL Research Center</b>	Upton (NY), United States

	Workshop on "QCD in finite temperature and heavy-ion collisions" <i>"Chiral magnetic effect &amp; anomalous transport from real-time lattice simulations"</i>	
OCT 2016	<b>Institute for Nuclear Theory</b> Workshop on "Exploring the QCD Phase Diagram through Energy Scans" <i>"Sphaleron transitions &amp; Chiral Magnetic Effect out-of-equilibrium"</i>	Seattle (WA), United States
AUG 2015	<b>CERN-TH Institute</b> Workshop on "Non-equilibrium dynamics in heavy-ion collisions and cosmology" <i>"Non-equilibrium dynamics of topological transitions and axial charges"</i>	Geneva, Switzerland
JUN 2016	<b>Exascale Requirements Review for Nuclear Physics</b> <i>"Hot QCD Case study: Computational demands for non-equilibrium QCD"</i>	Gaithersburg (MD), United States
FEB 2016	<b>QCD Chirality Workshop 2016</b> <i>"Non-equilibrium dynamics of topological transitions and axial charges"</i>	UCLA (CA), United States
JAN 2016	<b>RIKEN BNL Research Center</b> Workshop on "Exploring the longitudinal dynamics in heavy-ion collisions" <i>"Isotropization in heavy-ion collisions"</i>	Upton (NY), United States
AUG 2015	<b>Institute for Nuclear Theory</b> Workshop on "Equilibration Mechanisms in Weakly and Strongly Coupled Quantum Field Theory" <i>"Thermalization process in far-from equilibrium systems"</i>	Seattle (WA), United States
JUL 2015	<b>Institute for Nuclear Theory</b> Workshop on "Correlations and Fluctuations in p+A and A+A Collisions" <i>"Initial state and pre-equilibrium effects in p+A collisions"</i>	Seattle (WA), United States
JUN 2015	<b>Kavli Institute of Theoretical Physics China</b> Workshop on "sQGP and extreme QCD" <i>"Initial state and pre-equilibrium effects in p+A collisions"</i>	Beijing, China
MAY 2015	<b>Kavli Institute of Theoretical Physics China</b> Workshop on "sQGP and extreme QCD" <i>"Dynamic critical phenomena from real-time spectral functions on the lattice"</i>	Beijing, China
MAY 2015	<b>Kavli Institute of Theoretical Physics China</b> Workshop on "sQGP and extreme QCD" <i>"Thermalization process in far-from equilibrium systems"</i>	Beijing, China
MAR 2015	<b>RIKEN BNL Research Center</b> Workshop on "Collectivity in small systems"	Upton (NY), United States



*“Initial state and azimuthal correlations in  $p+A$ ”*

FEB 2015	<b>RIKEN BNL Research Center</b> Brain circulation Workshop <i>“Thermalization process in heavy-ion collisions”</i>	Upton (NY), United States
DEC 2014	<b>ExtreMe Matter Institute</b> Workshop on “Many-body QCD confronts heavy-ion experiments” <i>“Initial state and thermalization in <math>p+A</math> and <math>A+A</math>”</i>	Heidelberg, Germany
JUL 2014	<b>Mainz Institute for Theoretical Physics</b> Workshop on “Jets & Particle production” <i>“Thermalization process on the lattice”</i>	Mainz, Germany
APR 2014	<b>QuantMat 2014 @ CUNY</b> Workshop on “Disorder, Quenches, Simulations & Experiments” <i>“Turbulent thermalization process in heavy-ion collisions”</i>	New York City (NY), United States
APR 2014	<b>RIKEN BNL Research Center</b> Workshop on “Approach to Equilibrium in Strongly Interacting Matter” <i>“Turbulent thermalization process in high-energy heavy-ion collisions”</i>	Upton (NY), United States
JUN 2013	<b>ECT* Trento</b> Workshop on “High energy, High density and Hot QCD” <i>“Turbulent thermalization of the Quark Gluon Plasma”</i>	Trento, Italy
FEB 2013	<b>51. Schladming Winter School</b> <i>“Non-equilibrium dynamics of weakly coupled non-abelian plasmas”</i>	Schladming, Austria
MAR 2012	<b>Institute for Nuclear Theory</b> Workshop on “Gauge Field Dynamics In and Out of Equilibrium” <i>“The non-linear Glasma”</i>	Seattle (WA), United States

#### INVITED SEMINAR TALKS

MAY 2018	<b>JLU Giessen</b> Nuclear Theory Seminar	Giessen, Germany
MAY 2018	<b>LBNL</b> Nuclear Theory Seminar	Berkley (CA), Germany
APR 2018	<b>NC State University</b> Nuclear Theory Seminar	Raleigh (NC), Germany
DEC 2017	<b>University of Heidelberg</b> IsoQuant Seminar	Heidelberg, Germany
DEC 2017	<b>University of Frankfurt</b> Nuclear Physics Colloquium	Frankfurt a.M., Germany
JUN 2017	<b>University of Stavanger</b> Nuclear Theory Seminar	Stavanger, Norwau

MAY 2017	<b>CERN</b> CERN Heavy-Ion Forum	Geneva, Switzerland
APR 2017	<b>University of Kansas</b> Nuclear/Particle Physics Seminar	Lawrence (KS), United States
MAR 2017	<b>University of Connecticut</b> Particle/Astro/Nuclear Physics Seminar	Storrs (CT), United States
FEB 2017	<b>University of Maryland</b> Nuclear Theory Seminar	College Park (MD), United States
DEC 2016	<b>JLU Giessen</b> Nuclear Theory Seminar	Giessen, Germany
DEC 2016	<b>University of Heidelberg</b> IsoQuant Seminar	Heidelberg, Germany
SEP 2016	<b>University of Maryland</b> Nuclear Theory Seminar	College Park (MD), United States
JUN 2016	<b>Stony Brook University</b> Nuclear Theory Seminar	Stony Brook (NY), United States
MAY 2016	<b>Universität Bielefeld</b> High-Energy Physics Seminar	Bielefeld, Germany
APR 2016	<b>Vienna University of Technology</b> Nuclear Theory Seminar	Vienna, Austria
APR 2016	<b>Technical University Darmstadt</b> Theory Colloquium	Darmstadt, Germany
JAN 2016	<b>University of Washington</b> Nuclear Theory Seminar	Seattle (WA), United States
DEC 2015	<b>Jyvaskyla University</b> High-Energy Theory Seminar	Jyvaskyla, Finland
DEC 2015	<b>Columbia University</b> Nuclear Theory Seminar	New York City (NY), United States
NOV 2015	<b>University of Connecticut</b> Nuclear Physics Seminar	Storrs (CT), United States
NOV 2015	<b>University of Maryland</b> Nuclear Theory Seminar	College Park (MD), United States
OCT 2015	<b>JLU Giessen</b> Nuclear Theory Seminar	Giessen, Germany
JUN 2015	<b>Chinese Academy of Sciences (IHEP)</b> High-Energy Physics Seminar	Beijing, China
APR 2015	<b>Stony Brook University</b> Nuclear Theory Seminar	Stony Brook (NY), United States
MAR 2015	<b>Massachusetts Institute of Technology</b> Nuclear & Particle Theory Seminar	Boston (MA), United States
JAN 2015	<b>McGill University</b> Nuclear Theory Seminar	Montreal, Canada
JAN 2015	<b>McGill University</b> High-Energy Theory Seminar	Montreal, Canada

APR 2014	<b>University of Illinois at Chicago</b> High-Energy Physics Seminar	Chicago (IL), United States
MAR 2014	<b>CEA Saclay</b> Nuclear Physics Seminar	Gif-sur-Yvette, France
MAR 2014	<b>Indiana University</b> Nuclear Physics Seminar	Bloomington (IN), United States
JAN 2014	<b>RIKEN BNL Research Center</b> Nuclear Theory seminar	Upton (NY), United States
JUL 2013	<b>Universität Bielefeld</b> High-Energy Physics Seminar	Bielefeld, Germany
JUN 2013	<b>Michigan State University</b> Nuclear Theory Seminar	East Lansing (MI), United States
APR 2013	<b>Universität Frankfurt</b> Nuclear Physics Colloquium	Frankfurt a.M., Germany
OCT 2012	<b>Technische Universität Darmstadt</b> Nuclear Theory Seminar	Darmstadt, Germany
SEP 2012	<b>McGill University</b> High-Energy Theory seminar	Montreal, Canada
MAY 2012	<b>Brookhaven National Lab</b> Nuclear Theory Seminar	Upton (NY), United States