

Spin Caloritronics XI

May 23-27, 2022 | Materials Research Laboratory

University of Illinois at Urbana-Champaign



**The Grainger College
of Engineering**

UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN

TABLE OF CONTENTS

Welcome Letter.....2

Sponsors.....3

Conference Information.....4

Conference Events.....5

Conference Schedule.....6

Poster Session Program.....13

Things To Do In The Area.....15

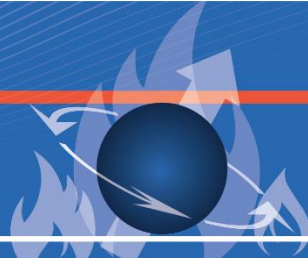
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Dear Colleagues and Friends,

After a two-year delay, we are finally looking forward to welcoming you to Urbana for a vibrant scientific exchange on the interplay between spins and heat. Spin Caloritronics XI is the 11th installment of the Spin Caloritronics workshops that began in Leiden, The Netherlands in 2009. Originally, these workshops focused on the direct coupling between charge, spin, and heat currents. The topics have evolved over the past decade to include a broad range of non-equilibrium phenomena that are important to spin transport and magnetization dynamics. While the initial focus was mainly on ferromagnetic materials, there are now related ideas being pursued especially for antiferromagnetic materials, but also for materials that are not magnetically ordered at all, such as paramagnets and ferroelectrics. In addition, the many different ways of transferring angular momentum between materials underlie a broad range of potential technological applications and provides a fertile area for scientific discovery.

We hope that you will find the program invigorating and that you will enjoy again an in-person meeting with your colleagues. We are looking forward to heated debates about the newest spin-phenomena.

Best regards,

David Cahill & Axel Hoffmann



SPIN CALORITROINCS XI SPONSORS:



SPIN CALORITROINCS XI INDUSTRY SPONSORS:



CONFERENCE INFORMATION

Oral sessions:

190 Engineering Sciences Building
1101 W. Springfield Ave.
Urbana, IL 61801

Invited talks will span 25 minutes, with a 5-minute question and answer session to follow.
Contributed talks will span 12 minutes, with a 3-minute question and answer session to follow.
Keeping with the tradition of previous Spin Caloritronics meetings each oral presenter will chair the subsequent oral presentation.

Poster sessions:

2nd Floor Hallway
Superconductivity Center
100 S. Goodwin Ave.
Urbana, IL 61801

All posters should be displayed Monday through Thursday. **Monday, May 23**, presenters of **odd-numbered posters** should be present during the poster session, and **Tuesday, May 24**, presenters of **even-numbered posters** should be present during the poster session. On **Thursday, May 26**, we encourage **ALL** poster presenters to be present at their posters.

Coffee breaks:

2008 Superconductivity Center
100 S. Goodwin Ave.
Urbana, IL 61801

Workroom *(available Monday through Friday from 8:00 am - 5:00 pm)*

1023 Superconductivity Center
100 S. Goodwin Ave.
Urbana, IL 61801

Internet Connectivity:

1. While on campus, connect your device to the Wi-Fi network "IllinoisNet_Guest"
2. Open a browser window and navigate to illinois.edu.
3. Your browser should be redirected to our Wi-Fi Captive Portal page. If you don't see a captive portal page, close your browser app entirely and start from step 2 again. You can also try and go to <https://go.illinois.edu/illinoisnet>
4. As a guest or visitor, click the link at the bottom of the page and you can self-register an account. This account will be valid until 4am the next day, after which you will be prompted to create a new account.
5. After a brief moment the system should then inform you that you have been given Internet access. Visitors should choose Click Here for Wi-Fi Access. Keep in mind that any visitor accounts created in this way are only valid until 4am the following day, after which you will need to repeat this process.

CONFERENCE EVENTS

Welcome Reception

A welcome reception, sponsored by [Oxford Instruments](#), will be held in conjunction with early registration at [Pour Bros. Craft Taproom](#) in Downtown Champaign on Sunday, May 22, 2022, from 5:00-8:00pm. Pour Bros. curates an ever-changing small-batch menu of craft beer, ciders, meads, and amazing handcrafted cocktails. You will also be able to enjoy a selection of “Fresh & Authentic Mexican Food” catered by [Maize Mexican Grill](#).

Women’s Networking Social

A women’s networking social, open to all, will take place in the first-floor atrium at the [Holonyak Micro & Nanotechnology Laboratory](#) on Monday, May 23, 2022, from 5:00-7:00pm. Sponsored by [IEEE Magnetics Society Chicago Chapter](#), come and enjoy hors d'oeuvres and drinks while connecting with others in the Spin Caloritronics community.

Allerton Park and Retreat Center Excursion and Conference Dinner

The conference dinner will take place at [Allerton Park and Retreat Center](#) in Monticello, IL on Wednesday, May 25, 2022. Depart on one of the early buses and enjoy a walk through sculpture gardens or one of the many hiking trails, or arrive on the later bus in time for a 5:00pm cocktail hour, sponsored by [AJA International](#). The dinner, catered by [Blue Dragonfly Catering](#) will begin at 6:00pm and end by 9:00pm. Please see the Conference Schedule for bus departure times to and from the dinner.

About The Venue: “Built as a private residence by artist and philanthropist Robert Allerton in 1900, Allerton Park and Retreat Center is a historical treasure that was donated to the University of Illinois in 1946. The property contains 1,500 acres of woodland and prairie areas, a mansion and reflecting pond, a 10-acre meadow, formal sculpture gardens, hiking trails, a café, and several lodging facilities”

CONFERENCE SCHEDULE

SUNDAY, MAY 22, 2022

5:00 pm Welcome Reception and Registration
[*Pour Bros. Craft Taproom*](#)
40 E. University Ave.
Champaign, IL 61820

8:30 pm Reception Concludes

MONDAY, MAY 23, 2022

8:00 am Registration
Lobby – Engineering Sciences Building

8:15 am Welcome
190 Engineering Sciences Building

Session I - Antiferromagnets I *190 Engineering Sciences Building*

8:30 am Enrique del Barco, University of Central Florida*
“Coherent Sub-Terahertz Spin Pumping from an Insulating Antiferromagnet”

9:00 am Helena Reichlova, Technical University Dresden*
“Anomalous Nernst effect in Antiferromagnetic Thin Films”

9:30 am Timo Kuschel, Bielefeld University*
“Thermally induced spin transport in NiO thin films”

10:00 am Coffee Break
2008 Superconductivity Center

Session II -Antiferromagnets II (Cr₂O₃ and others) *190 Engineering Sciences Building*

10:30 am Anand Bhattacharya, Argonne National Laboratory*
“Sensing and control of spin sublattices of Cr₂O₃ by electrical means”

11:00 am Shaloo Rhakeja, University of Illinois Urbana-Champaign
“Physics and modeling of antiferromagnetic memory and oscillator devices based on Cr₂O₃”

- 11:30 am Robin Neumann, Martin Luther University Halle-Wittenberg
“Thermal Hall Effect of Magnons in Collinear Antiferromagnetic Insulators: Signatures of Magnetic and Topological Phase Transitions”
- 11:45 am Azel Murzabekova, University of Illinois Urbana-Champaign
“THz-induced optical activity in the non-collinear metallic antiferromagnet $\text{Fe}_{1/3}\text{NbS}_2$ ”
- Noon Lunch Break

Session III - Antiferromagnets III (non-collinear systems)
190 Engineering Sciences Building

- 2:00 pm Jinsong Xu, Johns Hopkins University*
“Observation of Vector Spin Seebeck Effect in a Non-Collinear Antiferromagnet”
- 2:30 pm Shunsuke Fukami, Tohoku University*
“Formation, detection, and manipulation of noncollinear antiferromagnetic Mn_3Sn ”
- 3:00 pm Stuart Parkin, Max Plank Institute of Microstructure Physics*
“Seeded Spin Orbit Torque manipulation of the magnetic structure of chiral kagome antiferromagnets”
- 3:30 pm Coffee Break
2008 Superconductivity Center
- 4:00 pm Poster Session (odd-numbered posters)
- 5:30 pm Poster Session Concludes
- 5:00 pm Women’s Networking Social
Holonyak Micro & Nanotechnology Lab
First Floor Atrium
208 N. Wright St.
Urbana, IL 61801
- 7:00 pm Social Concludes

TUESDAY, MAY 24, 2022

8:15 am Registration
Lobby – Engineering Sciences Building

Session IV - Spin Seebeck Effects *190 Engineering Sciences Building*

8:30 am Kyung-Jin Lee, Korea Advanced Institute of Science and Technology*
“Enhanced Spin Seebeck Effect via Oxygen Manipulation”

9:00 am Eiji Saitoh, University of Tokyo*
“Coupling of electron and nuclear spins in spin caloritronics”

9:30 am Douglas Natelson, Rice University*
“Magnon Shot Noise in a Longitudinal Spin Seebeck Device”

10:00 am Coffee Break
2008 Superconductivity Center

Session V - Magnetic Insulators *190 Engineering Sciences Building*

10:30 am Andrew Kent, New York University*
“Spin-orbit torques in antiferromagnet insulator/heavy metal heterostructures”

11:00 am Li Shi, University of Texas at Austin*
“Frequency-dependent Spin Caloritronic Phenomena in a Metal-Magnetic Insulator Heterostructure”

11:30 am Hyungyu Jin, Pohang University of Science and Technology
“Transverse thermoelectric energy conversion utilizing spin Seebeck and anomalous Nernst effects”

11:45 am Alberto Anadón, Université de Lorraine
“Thermal spin current generation in multifunctional materials and interfaces”

Noon Lunch Break

Session VI - Thermal Transport Effects *190 Engineering Sciences Building*

2:00 pm Claudia Felser, Max Planck Institute for Chemical Physics of Solids*
“Observation of Vector Spin Seebeck Effect in a Non-“Nernst effect in Magnetic topological Materials”

- 2:30 pm Barry Zink, University of Denver*
“Field-dependent Nonelectronic Thermal Conductivity and Magnon Drag in a Metallic Ferromagnet with Low Gilbert Damping”
- 3:00 pm Hyejin Jang, Seoul National University*
“Nonequilibrium Heat Transport Probed by Ultrafast Magnetic Thermometry”
- 3:30pm Coffee Break
2008 Superconductivity Center
- 4:00 pm Poster Session (even-numbered posters)
- 5:30 pm Poster Session Concludes

WEDNESDAY, MAY 25, 2022

- 8:15 am Registration
Lobby – Engineering Sciences Building

Session VII - Magnon Spin Transport *190 Engineering Sciences Building*

- 8:30 am Bart van Wees, University of Groningen*
“Giant magnon spin conductivity approaching the two dimensional transport regime in ultrathin yttrium iron garnet films”
- 9:00 am Matthias Althammer, Walther-Meißner-Institut*
“Observation of the magnon Hanle effect in antiferromagnetic insulators”
- 9:30 am Hiroto Adachi, Okayama University*
“Spin transport using antiferromagnetic magnons and superconducting vortices”
- 10:00 am Coffee Break
2008 Superconductivity Center

Session VIII – Dynamics *190 Engineering Sciences Building*

- 10:30 am Valentina Bisogni, Brookhaven National Laboratory*
“Resonant Inelastic X-ray Scattering to probe collective spin dynamics in magnonic materials”

- 11:00 am Richard Wilson, University of California, Riverside*
“Relationship between composition and heating induced energy and spin dynamics in magnetic materials”
- 11:30 am Markus Münzenberg, University of Greifswald*
“Ultrafast spintronics on attosecond time scales”
- Noon Joseph Sklenar, Wayne State University
“Hybridizing Antiferromagnetic Magnons with Spin Pumping and Exchange Fields”
- 12:15 pm Alexey Kovalev, University of Nebraska-Lincoln
“Superfluid Spin Transport “Thermal spin current generation in multifunctional materials and interfaces”
- 12:30 pm Lunch Break

Allerton Park Retreat Excursion and Conference Dinner

[Allerton Park & Retreat Center](#), 515 Old Timber Rd., Monticello, IL 61856

All buses will load at: *[Materials Research Laboratory](#), 104 South Goodwin Ave., Urbana, IL 61801*

- 2:15 pm Load bus #1 for Allerton Park Retreat Excursion and Conference Dinner
- 2:45 pm Load bus #2 for Allerton Park Retreat Excursion and Conference Dinner
- 4:00 pm Load bus #3 for Allerton Park Retreat Excursion and Conference Dinner
- 5:00 pm Cocktail Hour Begins
- 6:00 pm Conference Dinner Begins
- 8:00 pm Load bus #1 to return to Materials Research Laboratory
- 8:30 pm Load bus #2 to return to Materials Research Laboratory
- 9:00 pm Load bus #3 to return to Materials Research Laboratory
- 9:00 pm Conference Dinner Ends

THURSDAY, MAY 26, 2022

- 8:15 am Registration
Lobby – Engineering Sciences Building

Session IX – Microscopy
190 Engineering Sciences Building

- 8:30 am Greg Fuchs, Cornell University*
“Magneto-thermal Microscopy and Single-spin Microscopy of Complex Magnetic Materials”
- 9:00 am Jörg Wunderlich, University of Regensburg*
“Magneto-Seebeck microscopy of spin-orbit torque driven domain wall motion in a collinear antiferromagnet”
- 9:30 am Chunhui (Rita) Du, University of California-San Diego*
“Harnessing Nitrogen Vacancy Centers in Diamond for Next-Generation Quantum Science and Technology”
- 10:00 am Coffee Break
2008 Superconductivity Center

Session X - Fundamental Properties
190 Engineering Sciences Building

- 10:30 am Felix Casanova, CIC nanoGUNE*
“Interfacial exchange field in heavy metal/magnetic insulators”
- 11:00 am Joseph Barker, University of Leeds*
“Temperature dependence of exchange stiffness”
- 11:30 am Rakshit Jain, Cornell University
“Origins of transverse voltages generated by thermal gradients and electric fields in ferrimagnetic-insulator/heavy-metal bilayers”
- 11:45 am Kayla Nguyen, University of Illinois Urbana-Champaign
“Angstrom-Scale Mapping of the Local Magnetic Moment in Metallic Antiferromagnet Fe₂As using 4D-STEM”
- Noon Lunch Break

Session XI - Spin Torques
190 Engineering Sciences Building

- 2:00 pm Igor Barsukov, University of California, Riverside*
“Interplay of spin-torque and nonlinearity: Disentangling and controlling magnon processes in nanomagnets”
- 2:30 pm Jingsheng Chen, National University of Singapore*
“Symmetry-dependent field-free switching of perpendicular magnetization”
- 3:00 pm Vivek Amin, Indiana University-Purdue University Indianapolis*
“Unconventional Spin-Orbit Torques in Ferromagnetic Trilayers”

3:30pm Coffee Break
2008 Superconductivity Center

4:00 pm Poster Session (all posters)

5:30 pm Poster Session Concludes

FRIDAY, MAY 27, 2022

8:15 am Registration
Lobby – Engineering Sciences Building

Session XII - Future of Spin Caloritronics and Ferroelectrics *190 Engineering Sciences Building*

8:30 am Ken-ichi Uchida, National Institute for Materials Science (virtual)*
“Future directions in spin caloritronics”

9:00 am Ping Tang, Tohoku University*
“‘Ferron’ excitations of the ferroelectric order”

9:30 am Joseph Heremans, The Ohio State University*
“Polarization caloritronics: electric field dependence of the thermal conductivity and diffusivity of lead zirconium titanate”

10:00 am Coffee Break
2008 Superconductivity Center

Session XIII - Novel Dynamic Concepts *190 Engineering Sciences Building*

10:30 am Aleš Hrabec, ETH Zürich*
“Computation with Magnetic Domain Walls and Oscillators”

11:00 am Benedetta Flebus, Boston College*
“Unveiling new phenomena in dissipative magnetic systems”

11:30 am Robert Stamps, University of Manitoba*
“Level Attraction And Exceptional Points In Open Cavity Magnonic Systems”

Noon Closing Remarks

POSTER SESSION PROGRAM

2nd Floor Hallway
Superconductivity Center
100 S. Goodwin Ave.
Urbana, IL 61801

All posters are expected to be displayed from Monday (5/23) at 3:30 pm until Thursday (5/26) at 5:30 pm. The poster sessions will be Monday, Tuesday, and Thursday from 4:00–5:30 pm. Presenters of odd-numbered posters are expected to be present at their posters during the poster sessions on Monday (5/23) and Thursday (5/26), while presenters of even-numbered posters are expected to be present at their posters during the poster sessions Tuesday (5/24) and Thursday (5/26).

Antiferromagnets

1. Yinchuan Lu, University of Illinois Urbana-Champaign
“Temperature dependent spin-current generation in FeRh films as measured with THz emission spectroscopy”
2. Mebatsion Gebre, University of Illinois Urbana-Champaign
“Bulk Single Crystal Growth and Transport Properties of Metallic Antiferromagnet, Mn_2Au ”
3. Junehu Park, University of Illinois Urbana-Champaign
“Strain Effect on Magnetocrystalline Anisotropy of Metallic Antiferromagnets from First-Principles”
4. Soho Shim, University of Illinois Urbana-Champaign
“Unidirectional magnetoresistance in antiferromagnet/heavy-metal bilayers”
5. Myoung-Woo Yoo, University of Illinois Urbana-Champaign
“Magnetic Octupole Dynamics in Non-collinear Antiferromagnets”

Magnon Spin Transport

6. Obed Alves Santos, University of Groningen
“Counter-intuitive giant spin magnon conductivity in ultrathin YIG films”
7. Xochitl Aguilar-Pujol, CIC nanoGUNE
“Detection of Magnon Currents in EuS”
8. Wenqin He, Chinese Academy of Sciences
“Magnon Junction Effect in $Y_3Fe_5O_{12}/CoO/Y_3Fe_5O_{12}$ Insulating Heterostructures”
9. Zheng Ren Yan, Chinese Academy of Sciences
“Magnon Blocking Effect in an Magnon Junction”
10. Michael Vogel, University of Kassel
“Driving a magnetic texture by magnon currents”

Heat Transport

11. Nicolas Marchal, Université Catholique de Louvain
“Magnetically Activated Flexible Thermoelectric Switches based on Interconnected Nanowire Networks”
12. Brandi Wooten, The Ohio State University
“Thermal Conductivity Study of Piezoelectric PZT Stack”
13. Joonsang Kang, The Ohio State University
“Thermal chiral anomaly in Weyl semimetal BiSb alloy”

Seebeck and Nernst Effects

14. Sang Jun Park, Pohang University of Science and Technology
“Designing efficient spin thermoelectric devices via engineering magnon-phonon thermal coupling”
15. Hyun Yu, Pohang University of Science and Technology
“Anomalous Nernst effect in the compensated ferrimagnets, Fe-Ln alloys (Ln = Gd, Tb, Dy, Ho, and Er)”
16. Min Y. Kim, Pohang University of Science and Technology
“The Effect of Spin-orbital Entropy on Anomalous Nernst Effect”

Spin Torques and Magnetotransport

17. Shuchen Li, University of Illinois Urbana-Champaign
“Spin-orbit Torques in Magnetron-Sputtered MoTe₂”
18. Claudio Gonzalez-Fuentes, Universidad Tecnica Federico Santa Maria
“Magneto-optical detection of spin-orbit torque vector with first order Kerr effects”
19. Sara Catalano, CIC nanoGUNE
“Spin Hall magnetoresistance effect from a disordered interface”

Microscopy and Optical Effects

20. Kisung Kang, University of Illinois Urbana-Champaign
“Temperature-dependent optical and magneto-optical spectra of ferromagnetic BCC Fe: First-principles study”
21. Cody Friesen, University of Hamburg
“Scanning tunneling microscopy platform for low-temperature, vector magnetic field spin-caloritronic studies”
22. Robert Puttock, National Physical Laboratory
“Local Thermoelectric Response from a Single Néel Domain Wall”

Dynamics

23. Dingbin Huang, University of Minnesota
“Magnetization Dynamics of Spintronic Materials Enabled by Ultrafast Optical Metrology”
24. Dreycen Foiles, University of Illinois Urbana-Champaign
“Deformation Induced Skyrmion Rotation and Orbital Motion”

THINGS TO DO IN THE AREA

Elevate Trampoline Park - Elevate Trampoline Park is a 30000-square-foot indoor activity center in Champaign, offering everything from trampolines, parkour, foam pits and much more

Skateland - For over 40 years, Skateland has been entertaining families. They offer Laser Zone Laser Tag as an added attraction. The arcade will provide hours of entertainment where you will no doubt win lots of tickets to redeem at the Stuff Shop. After a hard day of fun and play, nothing satisfies like a cold drink and a slice of homemade pizza. Kids of all ages will love skating at Skateland.

Savoy 16 Movie Theater - IMAX, 3D, Reserved Seating, Advance Ticketing, Bargain Tuesdays & More.

Champaign-Urbana Adventures in Time & Space - YOU HAVE ONE HOUR TO SAVE THE WORLD! Located in downtown Urbana, Illinois, these escape rooms make for a great activity. Teams of 2-10 players have 60 minutes to find clues, complete puzzles, discover secret doors, and solve a greater mystery. Each of our adventures takes place in a different setting and time period. From dispelling evil spirits in a haunted cabin to foiling the plot of a tyrannical wizard, the scenarios are designed to make players feel like they are living out a movie!

University of Illinois Ice Arena - Located at 406 East Armory Avenue in Champaign, this campus facility caters to skaters of all ages and level of skill. It has open public skating available several times throughout the week, including lunchtime skates (perfect for days off school) and weekends.

The Pottery Place: Paint Your Own Pottery - The Pottery Place is open for customers! Whether you want to create your own gifts, are looking for a unique party idea, or just enjoy painting pottery, The Pottery Place is a relaxing, inspiring space to gather and create! Take and Make Kits are now available for at home painting!

Museums - There's a lot to learn and discover at our area museums and attractions. From interactive museums to supercomputers, we're filled with a lot of "fun facts" to take home and impress your family <https://www.visitcampaigncounty.org/things-to-do/museums-and-technology>

Urbana's Market at the Square - Join thousands of residents and visitors in Downtown Urbana every Saturday, 7 AM to noon, from May through October, to celebrate everything local! Since 1979, Urbana's Market at the Square has been a mainstay for Urbana and the surrounding area by connecting the community with local growers and artisans. Shop one of the best selections of made-and grown-in-Illinois products including: produce, meat, dairy, honey, local beer and wine, flowers, handmade art and crafts, and more. Saturday morning at Urbana's Market at the Square is one of our city's signature institutions! It's a great way to kick off your weekend.

Shopping at Marketplace Mall & North Prospect - Market Place Shopping Center is an enclosed shopping mall located in Champaign, Illinois, US. The mall's anchor stores are Dick's Sporting Goods, Field & Stream, JCPenney, Macy's, and Costco Wholesale. It is the second largest enclosed shopping mall in Central Illinois. North Prospect also hosts stores such as TJMaxx, HomeGoods, Hobby Lobby, and more!

[University of Illinois Arboretum](#) - The Arboretum's gardens, collections, and habitats are transforming 160 acres of the University's south campus in Urbana-Champaign into an exceptional "living laboratory" for students in plant sciences and fine and applied arts, as well as an oasis of natural beauty open to the public. The gardens are open dawn to dusk spring through fall. You are always welcome to walk through the gardens on your own. Traditional Japanese gardens surround Japan House. These gardens are very different than Western gardens, with a focus on the natural landscape, utilizing plants, rustic stone, and water. Instead of bright color and symmetry, these gardens focus on green foliage and natural shapes of plants. The design of the gardens creates an extraordinarily peaceful and tranquil environment.

[Champaign County Forest Preserve](#) - The CCFP operates seven forests covering almost 4,000 acres in Champaign County and serves a wide range of offerings from trails, to splash pads, to night sky viewings and much more.

[Art Walk at Meadowbrook Park](#) - We invite you to visit Meadowbrook Park, located at Windsor Road and Race Street in Urbana, Illinois. Meadowbrook Park's 130 acres offer a myriad of recreational opportunities. Whether your interest is art, walking, cycling, natural areas, family fun, or simply enjoying the variety of gardens we have here, you won't forget how much fun you had at Meadowbrook Park.

[The Literary: Books & Brunch & Coffee & Wine](#)- Downtown Champaign's book bar. Worth a stop for unique gifts, good drinks, and great books!

[The Fire Doll Artisan Chandlery](#) - features an exciting retail and studio experience for candle lovers! Come visit us during normal business hours to watch candles being made while perusing a wide variety of handmade artisan candles, wax melts, and more! You will also find a lovely selection of artisan candle accessories, bath & body products, stationery, and much much more... all from woman-owned businesses both local and around the globe. We also host a Candle Happy Hour thrice weekly on Wednesdays, Thursdays, and Fridays from 6:30pm - 8:00pm! Reservations are required.

[Alto Vineyards: Wine Tasting](#) - The second location of Alto Vineyards, one of the largest and most award-winning wineries in Illinois. Come in any time for \$5.00 walk-in wine tastings and unique wine-related gifts. Taste a few wines and relax in beautiful country setting just outside of Champaign, IL.

[Prairie Fruits Farm & Creamery: Goat cheese tastings and visits with the goats](#) - While we welcome visitors, we are, first and foremost, a diverse working farm. During the height of our production and marketing season (March through December), we are busy making cheese, taking care of the goats, tending the orchard, selling cheese and fruits at farmers' markets and hosting farm dinners and other farm events. During our farm's open hours, visitors can walk around the farm, visit with the goats, pick fruits when in season, and see the cheese making process through our viewing window. Seasonally, the farm is open for self-guided farm visits and farm product purchasing.

[Illinois Amish Country](#) - plan for an afternoon. Arcola, Arthur, Sullivan and Tuscola invite you to travel back. Travel back to a simpler time, where craftsmen and artisans create beauty with their hands. Travel back for heirloom antiques and unique shops. Travel back for one-of-a-kind recreation and dining experiences that will appeal to your whole family.