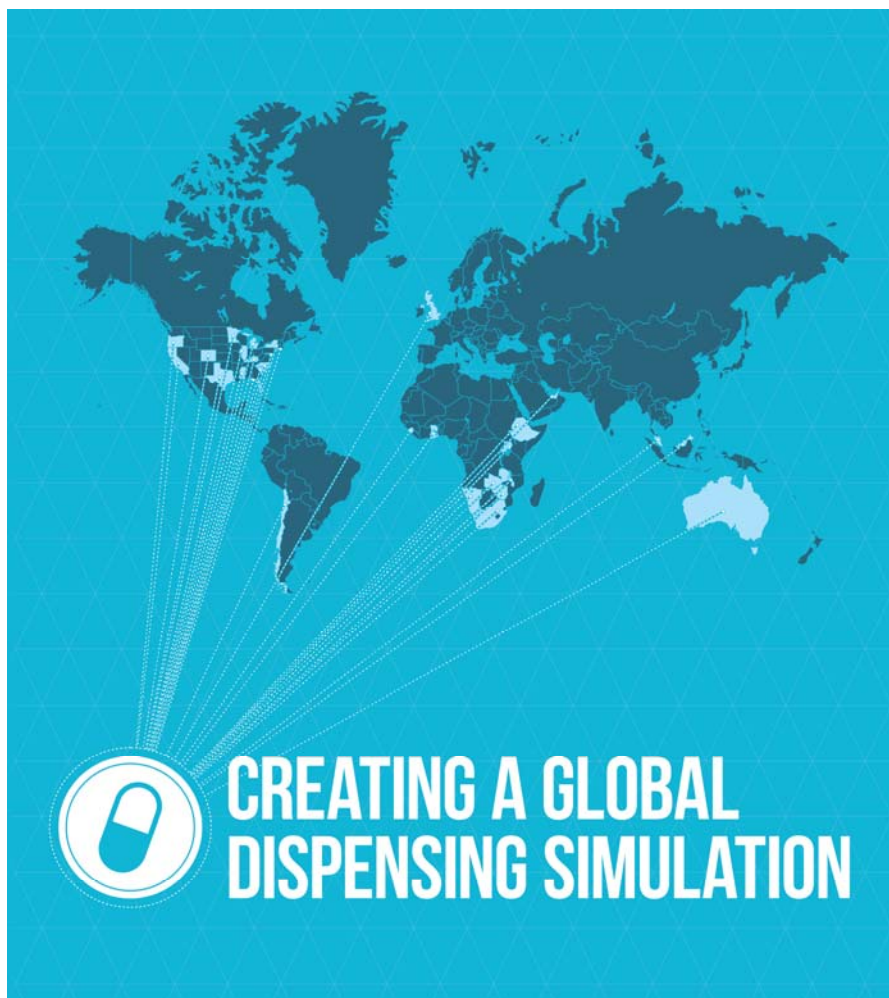# MyDispense

MyDispense Symposium

18–19 July 2016
preceeded by 17 July Welcome Reception from 5.30 pm

The Monash University, Prato Centre
Via Pugliesi, 26, 59100 Prato

http://monash.edu/mydispense

MyDispense Symposium 2016

General information

The Monash University Prato Centre, Palazzo Vaj, is located in the centre of the old town, only 2-minutes' walk from the city's cathedral, close to both train stations. Centre facilities and practical information on Prato can be found at the Prato Centre website: www.monash.it

The Prato Centre has a computer room which Symposium delegates can use during breaks (see p.2). WiFi is available via password access.

Please wear your name badge at all times during the Symposium. Feel free to wear casual, comfortable clothes while at the symposium. Prato town and some rooms in the centre can become quite warm, so dress with this in mind. The main rooms have air-conditioning.

Each evening there will be shared evening meal which we invite you to join in. Monash will cover the cost of dinners for all registered delegates. Semi-casual attire is appropriate.

As a courtesy, please switch mobile devices to silent during all sessions.

To help us plan any future symposia, we ask that you complete the evaluation form found in this book and leave it with the organisers.

MyDispense Symposium 2016

Preparing for the Symposium

Prepare to customise MyDispense for your needs

Before you leave for the Symposium, do the following:
- Complete the Region Customisation form.
- Look at the Region Task list and consider which task elements you are able to do.
- Adapt the Dispensing Process Diagram to reflect practice in your area.

These documents have already been sent to you.

Also consider the resources (eg time, photography equipment, etc) and expertise that you and your colleagues have that you can contribute to the project.

Bring your own laptop

As this software is in development, it remains untested with the many different available platforms. A laptop will be the most functional device on which to use MyDispense – not a tablet or other portable device.

Install Firefox on your laptop

There are many different browsers available, and we encourage you to install Firefox as your browser for using MyDispense. Using a laptop with Firefox, your experience of the MyDispense will be maximised. Any queries, contact keith.sewell@monash.edu

Consider exercises for development

Come to the Symposium with written materials of typical medication scenarios that you already use in your teaching, or some scenarios that you would like to use and explore. These scenarios may be prescription-based or over-the-counter (non-prescription) based requests not involving prescriptions.

Consider specific medications and forms, patient types, prescription templates that would be useful to you. Also consider what would add complexity to your exercises – it may be including extra clinical information such as pathology results, images, hospital admission notes or discharge letters, or you may increase exercise complexity by distributing available information across a range of places, such as the computer medication history, with the patient, their carer or the health professional (eg the doctor).

Read our publication

A Simulated Learning Environment for Teaching Medicine Dispensing Skills
Jenny McDowell, Kim Styles, Keith Sewell, Peta Trinder, Jennifer Marriott, Sheryl Maher, and Som Naidu (2016). A Simulated Learning Environment for Teaching Medicine Dispensing Skills. American Journal of Pharmaceutical Education: Volume 80, Issue 1, Article 11. at http://www.ajpe.org/doi/full/10.5688/ajpe80111

Be ready to connect with like-minded individuals

As well as the daily program, each evening there is a meal at a local restaurant hosted by Monash University. The cost of dinners will be covered for all registered delegates.

Come with lots of questions for exploration!

The International MyDispense Steering Group

MONASH UNIVERSITY:

Keenan Beaumont is the software developer for the MyDispense development team and the Monash University Faculty of Pharmacy and Pharmaceutical Sciences. Keenan joined the team in 2012, and has since stamped his mark ono its development capably supporting MyDispense as it continues to grow. Keenan is the primary support for the software and server maintenance.

Marian Costelloe is General Manager in the Faculty of Pharmacy and Pharmaceutical Sciences at Monash University. She joined the faculty in 2004 after spending over 17 years at the University of Melbourne in various senior management roles, including General Manager in the Vice-Chancellor's Office. Marian's background is in education, with experience in a number of international business development projects involving industry and university collaborations. She holds a Master of Arts and a Graduate Diploma in Education from The University of Melbourne.

Jenny McDowell is the Senior Education Project Coordinator at the faculty and works on varied projects. Jenny has been a central part of the MyDispense development team since its inception. Working on the initial design, Jenny brought her experience of clinical and community practice and processes to the project design, and continues to advise on ongoing software specifications and development for more advanced use. She also supports faculty staff to create exercises on MyDispense and use the software. She wrote the initial dispensing tutorials that support the delivery of MyDispense exercises to first-year students, and advises on tutorial development for all year levels.

Jennifer Marriott, former Director of the BPharm at Monash University, introduced major restructure and development, and many teaching innovations into the program. She fuelled the initial drive to teach dispensing online – the genesis of MyDispense – and was involved in its initial scoping work. She is past President of the Academic section of the International Pharmaceutical Federation (FIP) and past member of the FIP Board of Pharmacy Practice. She is Director of the FIP-UNESCO UNITWIN programme.

Keith Sewell is the Learning Technologies Project manager in the Faculty of Pharmacy and Pharmaceutical Sciences at Monash University. His role involves managing major learning technology projects within the faculty. Keith has led the MyDispense project from its inception and is instrumental in creating the learning design aspect of the specifications. He now works with colleagues all over the World to make the software available to learners in over 25 universities.

PARTNERS:

Tina Brock is Associate Dean for Global Health & Educational Innovations at the University of California, San Francisco School of Pharmacy. She works primarily in the area of interprofessional curriculum development and global health workforce capacity building. MyDispense has been both an educational innovation in the UCSF program and a lifesaver for some accreditation challenges that Tina has been involved in.

The International MyDispense Steering Group

Marcus Ferrone is Associate Professor of Clinical Pharmacy at the University of California, San Francisco. His clinical research focuses on the drug formulation aspects of hyperpolarized molecules for magnetic resonance molecular imaging. In addition to sterile drug product development, he is particularly interested in the legal climate that impacts both pharmacy compounding and industrial manufacturing. Collaborating with internal and external partners committed to creating cutting-edge advances in pharmaceutical science education also plays an important role in my academic position.

Marcus has been at the heart of the development of MyDispense USA. He developed the model for the USA dispensing process in MyDispense and has created over 150 exercises for the US version.

Jill Fitzgerald, PharmD, is Associate Clinical Professor in the Department of Pharmacy Practice and Director of Pharmacy Professional Development at University of Connecticut. Jill's career has involved many aspects of pharmacy practice including community and hospital practice, teaching and hospice care. She is currently responsible for developing activities for pharmacist continuing education and career counseling services, with teaching responsibilities in the Pharmacy Practice Lab, Pain Management Elective and First Year Experience for Honors pre-pharmacy students. Jill has worked on the US implementation of MyDispense since 2014 and has fully implemented MyDispense in Pharmacy Practice Lab at UConn.

Lisa M. Holle, PharmD, BCOP, FHOPA is a board certified oncology pharmacist, and a fellow of the Hematology/Oncology Pharmacy Association. Currently, Lisa is an Assistant Clinical Professor at the University of Connecticut School of Pharmacy where she teaches pain management , oncology therapeutics, patient assessment and advanced practice experiential students. Her practice site is at the UConn Health Carole and Ray Neag Comprehensive Cancer Center, where she works in a team-based ambulatory care clinic.
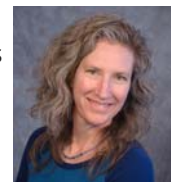
Lisa has worked with Monash University and University of California San Francisco (UCSF) since 2013, and more recently other US School of Pharmacy faculty, to develop a US-based MyDispense version. Along with her colleague Jill Fitzgerald, Lisa has introduced MyDispense into UConn's School of Pharmacy curriculum: Introductory to Pharmacy Practice Experience (IPPE), Pain Management Elective and Dispensing Laboratory courses. She and Dr Fitzgerald have also mentored advanced pharmacy practice experience (APPE) students and independent research students to assist with MyDispense exercise development and research related to implementation of MyDispense.

Clark Kebodeaux, PharmD, BCACP, is a clinical assistant professor of pharmacy practice and science at the University of Kentucky, College of Pharmacy. Clark is an adjunct faculty member at the School of Nursing at St. Louis University and coordinator of the online advanced pharmacology course for advanced practice nurse practitioners.

In his previous shared faculty role at St. Louis College of Pharmacy, Clark implemented MyDispense into the didactic and laboratory portions of an Advanced Pharmacy Practice course for P3 students. He is implementing the instance at the University of Kentucky and is currently developing the adoption of MyDispense in a 6-semester integrated lab sequence for P1–P3 students.

MyDispense Development Timeline to date

2010	October	Project launch
2011	February	Version 1 released: label only exercises
	July	Version 2 released: whole dispensing process support
	November	First exam in MyDispense: > 200 students in 4 groups
2012	July	Version 3 released: improved administration interface/ fact finding
2013	June	Version 3.5 released: updated code to facilitate sharing of MyDispense
	July	MyDispense Namibia launched
2014	January	MyDispense NMMU launched Begin collaboration with USA schools of pharmacy (UCSF and Connecticut)
	March	MyDispense University of Connecticut launched
	April	MyDispense Monash Malaysia launched MyDispense USA released
	May	MyDispense UCSF launched
	July	MyDispense presented at AACP 2014
	September	MyDispense UIW Texas launched
	October	Version 4 released: Exercises containing problems, better exam manager/exercise import & export MyDispense Arizona launched
	December	MyDispense Michigan launched
2015	June	Over 100,000 exercises completed at Monash Over 13,000 exercises completed at UCSF
	July	MyDispense workshop at AACP MyDispense Pacific University launched MyDispense Florida launched
	August	MyDispense St Louis launched MyDispense West Coast University launched
	September	MyDispense Republic Polytechnic launched MyDispense Umm Al-Qura launched MyDispense Maryland Eastern Shore launched
	November	MyDispense Curtin University launched
	December	MyDispense Minnesota launched MyDispense Touro College NY launched
2016	March	MyDispense publication: American Journal of Pharmaceutical Education MyDispense Charleston launched
	April	MyDispense Kentucky launched
	May	MyDispense Midwestern University launched
	June	Version 5 released: OTC exercises, Validation exercises
	July	First MyDispense International Symposium with delegates from 15 countries

Delegate List

Name	University/institution	Email
Alemayehu Mekonnen	University of Gondar, Ethiopia	aber5592@uni.sydney.edu.au
Christian Hanson	Pharmacy Board of Sierra Leone, Sierra Leone	chrisson2001@yahoo.com
Clark Kebodeaux	University of Kentucky, USA	clark.kebodeaux@uky.edu
Connie Valdez	University of Denver, USA	connie.valdez@ucdenver.edu
Eliza Tam	University of Hong Kong, Hong Kong	eyttam@hku.hk
Francisca Acevedo	BIOREN La Frontera University, Chile	francisca.acevedo@ufrontera.cl
Heidi Anksorus	University of North Carolina, USA	hanksoru@email.unc.edu
Jane Condee	University of Charleston, USA	janecondee@ucwv.edu
Jennifer Marriott	Monash University, Australia	jennifer.marriott@moansh.edu
Jenny McDowell	Monash University, Australia	jenny.mcdowell@monash.edu
Jill Fitzgerald	University of Connecticut, USA	jill.fitzgerald@uconn.edu
John Alimamy Kabba	China Pharmaceutical University, China & Sierra	fudimamy@hotmail.com
Kate Fletcher	Reading University, UK & Malaysia	k.e.fletcher@reading.edu.my
Keenan Beaumont	Monash University, Australia	keenan.beaumont@monash.edu
Keith Sewell	Monash University, Australia	keith.sewell@monash.edu
Kris Harrell	University of Mississippi, USA	kharrell@umc.edu
Laura Knockel	University of Iowa College of Pharmacy, USA	laura-knockel@uiowa.edu
Lawrencia Louise Brown	University College London, UK	lawrencia.ohene_djan@ucl.ac.uk
Mahama Duwiejua	Kwame Nkrumah University of Science and Tech-	mduwiejua54@gmail.com
Marcus Ferrone	Univeristy of California San Francisco, USA	marcus.ferrone@ucsf.edu
Marian Costelloe	Monash University, Australia	marian.costelloe@monash.edu
Michael Pettit	University of Sussex, UK	m.pettit@sussex.ac.uk
Monique Klitsie	Nelson Mandela Metropolitan University, South	mklitsie@gmail.com
Nettie Ndzabala	University of Malawi, Malawi	ndzabala@medcol.mw
Nortan Hashad	Fatima College of Health Sciences, UAE	nortan.hashad@fchs.ac.ae
Pam Reiter	Children's Hospital Colorado, USA	pam.reiter@childrenscolorado.org
Patricia Acuna-Johnson	Universidad de Valparaiso, Chile	patricia.acuna@uv.cl
Peter James	University of Sierra Leone,Sierra Leone	jamepeb@yahoo.com
Richard Adome	Makerere University College of Health Sciences, Uganda	rodoiadome@gmail.com
Stefanie Ferreri	University of North Carolina, USA	stefanie_ferreri@unc.edu
Sulamita Kidarim	Universidad de Chile, Chile	nammire@gmail.com
Sunny Linnebur	University of Denver, USA	sunny.linnebur@ucdenver.edu
Terry Ng	University College London, UK	terry.ng@ucl.ac.uk
Tesfahun Chanie Eshetie	Jimma University, Ethiopia	tesfuc@gmail.com
Tim Rennie	Univeristy of Namibia. Namibia	trennie@unam.na
Tina Brock	Univeristy of California San Francisco, USA	Tina.Brock@ucsf.edu
Tsitsi Grace Monera-	University of Zimbabwe, Zimbabwe	moneratg@yahoo.co.uk

The Program – Sunday and Monday

	SUNDAY 17 JULY
5.30	Registration at The Prato Centre followed by Welcome Reception at: *The Monash University Prato Centre Via Pugliesi, 26, 59100 Prato*
7.30	From the Monash Centre we will take a short walk to dinner at: *Che Ciccia C'è Restaurant Piazza del Collegio, 9, 59100 Prato*
	MONDAY 18 JULY
9.00	**Welcome** then **Session 1.** **Interactive learning session** Be introduced to MyDispense and brought to a common understanding of its features. View simple (Year 1) & complex (Year 3) exercises in Student View, then complex exercises in Administrator view, then create your own simple exercise. Established/expert users can support and advise novice users. Followed by discussion.
11.00	*Morning Tea*
11.30	**Session 2.** **Advancing clinical understanding: Workshop** Work through a number of exercises with errors then make an exercise containing errors. Followed by discussion.
12.30	*Lunch on the Terrace*
1.30	**Session 3.** **Recommending medicine off the shelf: Workshop** Explore and work through OTC exercises then create your own. Followed by discussion.
3.00	*Afternoon tea*
3.30-4.30	**Session 4.** **Using MyDispense in assessments: Workshop** Undertake a short basic exam exercise. Mark an existing student exam using anonymised data, followed by discussion.
7.30	Evening meal at: *Ristorante Baghino Via dell'Accademia, 9, 59100 Prato*

The Program – Tuesday

	TUESDAY 19 JULY

9.00	**Session 5.**
	Your Teaching Needs: Region version discussions
	    Overview of US experience (30 mins)
	    Small Groups Discussion (60 mins: Concurrent sessions)
	    Whole group Discussion (30 mins)

11.00	*Morning Tea*
11.30	**Session 6.** **A philosophy of sharing: Connecting users** User Community AND Sharing exercises
12.00	**Session 7.** **Validating a dispenser's work: Workshop** Experience validation exercises by working through then making an exercise. Followed by discussion.
12.30	*Lunch on the Terrace*
1.30	**Session 8.** **Getting the metrics lined up: Evaluation** Education Research : Discuss what MyDispense metrics you need to collect for your research
2.00	**Session 9.** **Brainstorming to get the most out of MyDispense**
3.00	*Afternoon tea*
4.00	**Session 10.** **Where to next?** New features, Development roadmap, Hosting, Opportunities for Community Connection. General Discussion and Close

6.30	Museum tour and dinner at:
	    The Palazzo Pretorio Museum
	    Piazza del Comune, 59100 Prato

Interactive learning session (Session 1)

- Be introduced to MyDispense and brought to a common understanding of its features.
- View simple (Year 1) & complex (Year 3) exercises in Student View, then complex exercises in Administrator View
- Create your own simple exercise.
- Discuss session.

Notes:

Advancing clinical understanding: Workshop (Session 2)

- Work through a number of exercises with errors then make an exercise containing errors.
- Discuss session.

Notes:

Recommending medicine off the shelf: Workshop (Session 3)

- Explore and work through OTC exercises.
- Create your own OTC exercise.
- Discuss session.

Notes:

Using MyDispense in assessments: Workshop (Session 4)

- Undertake a short basic exam exercise.
- Mark an existing student exam (anonymised data).
- Discuss session.

Notes:

Your Teaching Needs: Region version discussions (Session 5)

- Overview of US experience.
- Small group discussion in regions.
- Whole group discussion.

Notes:

A philosophy of sharing: Connecting users (Session 6)
Notes:

Validating a dispenser's work: Workshop (Session 7)

- Experience validation exercises by working through an exercise.
- Make a validation exercise.
- Discuss session.

Notes:

Getting the metrics lined up: Evaluation (Session 8)

- Consider and discuss what MyDispense metrics you need to collect for your research.

Notes:

MyDispense Symposium 2016

Brainstorming to get the most out of MyDispense (Session 9)
Notes:

Where to next? (Session 10)

- Possible new features, development roadmap, hosting, opportunities for community connection.
- Discuss session.

Notes:

Evaluation – Monday

Please rate and comment on the following (where 1 is poor – 5 is excellent)

S1. Interactive learning session: 1   2   3   4   5

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S2. Advancing Clinical Practice: Workshop 1   2   3   4   5

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S3. Recommending Medicine Off The Shelf: Workshop   1   2   3   4   5

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S4. Using MyDispense in Assessments: Workshop   1   2   3   4   5

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Evaluation – Tuesday

S5. Your Teaching Needs: 1   2   3   4   5

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S6. A Philosophy of Sharing   1   2   3   4   5

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S7. Validating a Dispenser's Work: Workshop   1   2   3   4   5

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S8. Getting the metrics lined up   1   2   3   4   5

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GENERAL COMMENTS :

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MyDispense Symposium 2016

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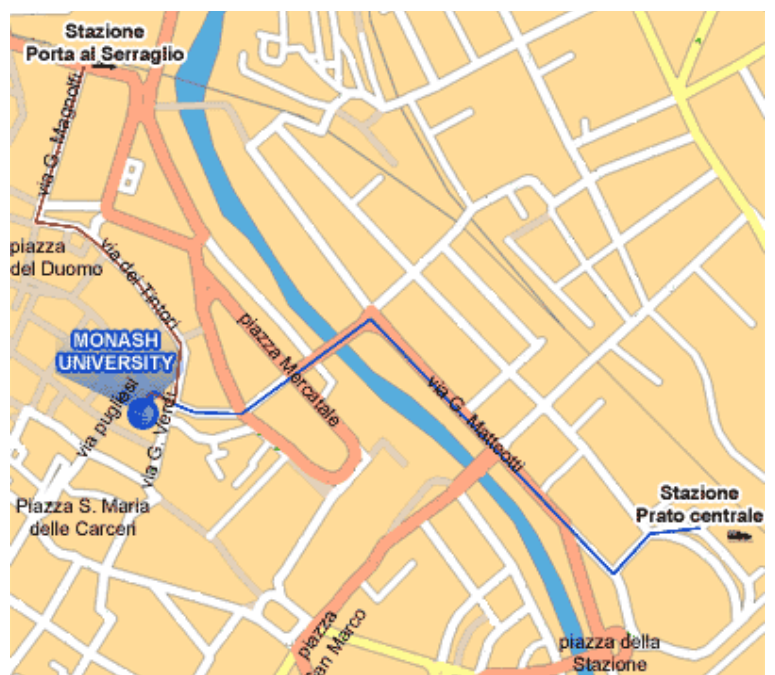
Floorplan of the Prato Centre
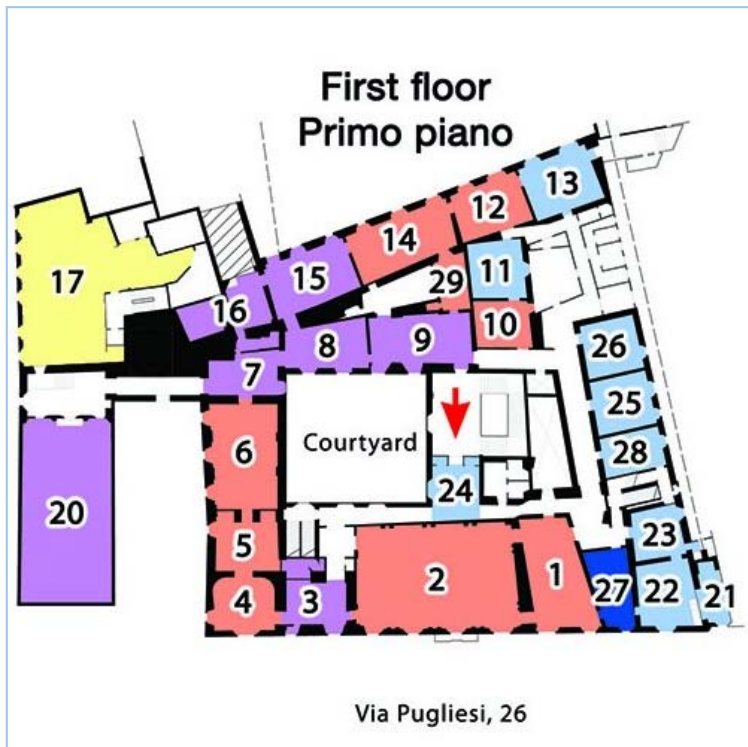
All main sessions will be held in Salone Veneziana, Room 6, with Rooms 4 and 5 also being used for smaller discussion sessions.

Tea breaks and lunch will be served in room 8 and 9, with seating and tables for lunch also available on the Terrace, area 20.

Walking to the Prato Centre

Walking routes from Prato's Central Station and from the station Porta al Serraglio (approx. 10-15 minutes walk)

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MyDispense Symposium 2016

MyDispense Symposium 2016

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