

HPM 2024 Meeting Schedule, 1–5 July, Sydney

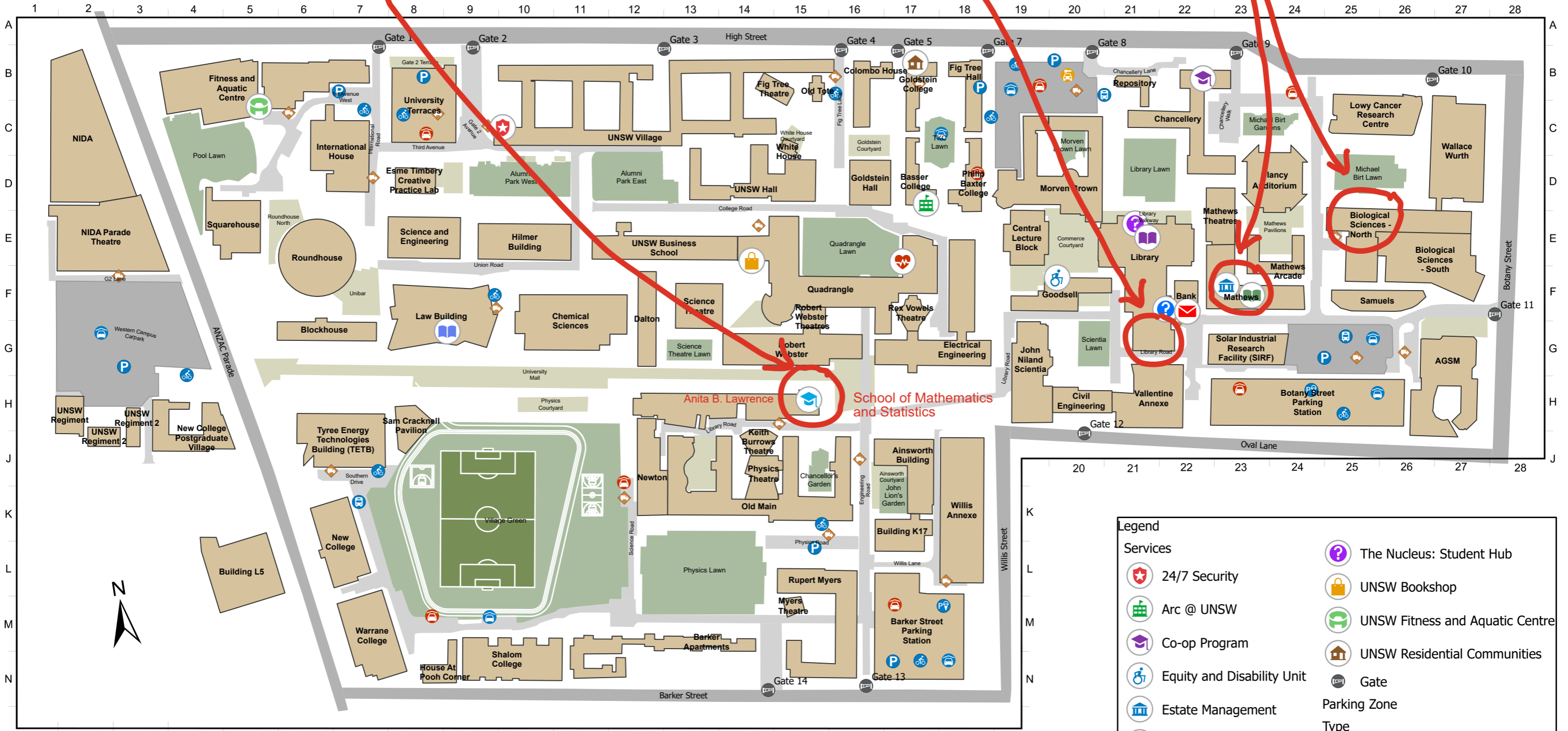
Abstracts for all sessions are available on the [HPM 2024 website](#).

	Monday	Tuesday	Wednesday	Thursday	Friday				
9	OPENING H13-4082								
9:30	Plenary Lecture (Theme 7) Lesley Ward <i>From the Marriage Bar to the Hypatia Scholarship: Women Working in Mathematics in Australian Universities</i> H13-4082	Plenary Lecture (Theme 3) Clemency Montelle <i>Historical Tangents! Original Sources from Trigonometry Texts throughout History</i> H13-4082	Plenary Lecture (Theme 1) David Guillemette <i>An Ethical Perspective on the History of Mathematics in Mathematics Education</i> H13-4082	Plenary Lecture (Theme 6) Ysette Weiss <i>Globalization through the Lens of History of Mathematics Education</i> H13-4082	Plenary Lecture (Theme 2) Aline Bernardes <i>History in Teachers' Mathematics Education: Problematising Concepts, Views on Mathematics, and its Learning and Teaching</i> H13-4082				
coffee/tea break (10:30-11:00) H13-3082									
11	Panel Discussion: <i>Using History to Link Mathematics and Traditional Culture in the Classroom</i> H13-4082	Puig <i>Errors dealing with the negative in solving quadratic equations. An episode in the history of algebra and its teaching</i> H13-2063	Poh <i>Threads of Knowledge: Crafting a Cultural Tapestry in Mathematics Education</i> H13-2061	Panel Discussion: <i>The HPM Domain: Past, Present, and Future</i> H13-4082	Tanaka <i>How to learn Japanese mathematics "WASAN" in the Edo period (1603-1868)</i> H13-2063	Durmaz* & Haydar* <i>Educators Navigating the Intersection of Elementary Mathematics, Storytelling, Identity, and History: Illustrations from the Islamic Context</i> H13-2061	1-hour Workshop Kaenders <i>How can the history of the existence of fourth proportionals from Eudoxos via Omar Khayyam and Nasir al-Din al-Tusi to Isaac Newton foster a modern mathematical number concept?</i> K-D26-G07 – BioSci North	1-hour Workshop Pinto <i>The importance of History of Mathematics in the classroom (by ChatGPT): a first reflection about the use of ChatGPT in HPM</i> K-F23-103 – Mat 103	
11:30		Pinto* & Malonek <i>The proofs of Euclid on GeoGebra, a step-by-step visualization</i> H13-2063	Kjeldsen* & Jankvist <i>Arguments for history of mathematics in general mathematics education research: A constructive and critical discussion</i> H13-2061		Soto-Andrade*, Sun & Diaz-Rojas <i>Avatars of (random) numbers in the history and experimental epistemology of mathematics</i> H13-2063	lunch break (12:00-1:30) H13-3082			
1:30	Barbin <i>Signs and diagrams: On visualization in history of mathematics and in teaching</i> H13-2063	Guillemette* & Demattè* <i>A dialogue on the educator's way to relate to mathematical historical texts</i> H13-2061	2-hour Workshop Liu & Chorlay <i>Selecting episodes shedding light on the history of the function concept: historical and didactical analyses of a lesson-study in grade 10</i> K-F23-104 – Mat 104	2-hour Workshop Milici,* Cerroni, Di Paola & Ruggeri <i>Touch, experience, and re-think calculus with history-based manipulatives</i> K-F23-231 – Mat 231	Excursion	2-hour Workshop Benvenuti <i>The mental telescope: the non-Euclidean geometry case study</i> K-D26-G07 – BioSci North	2-hour Workshop Błaszczuk & Petiurenko <i>Newton's De Analysis vs Fundamental Theorem of Calculus</i> K-F23-231 – Mat 231	Ekici <i>Elementarisation of Mathematics for Undergraduates by Integrating Historical Stances with Trigonometric Functions towards Fourier Methods</i> H13-2063	De Bock* & Goemans <i>Wiskunde Post, a mathematical magazine for students supporting the modern mathematics movement in Flanders</i> H13-2061
2	Flashman <i>Two Examples from History: Mapping Diagrams to Visualize Relations and Functions</i> H13-2063							Owens*, Bino* & Muke* <i>The Development of Neocolonialism in Papua New Guinea</i> H13-2063	Rolland & Chorlay* <i>Expectations regarding French prospective teacher's knowledge in group theory: A historical survey</i> H13-2061
2:30	Franklin <i>Applied Mathematics First, Pure Second</i> H13-2063	Millán Gasca, Neri Machiaverna* & Spagnoletti Zeuli <i>An experimentation of a learning path on history of mathematics in primary school (Grades 1-5): learning outcomes in mathematics and impact on pupil's human flourishing</i> H13-2061						Zhu <i>The Concepts of Curves and Equations in Early American & British Textbooks on Analytic Geometry</i> H13-2063	Lützen <i>Hjelmslev's Teaching of his Geometry of Reality</i> H13-2061
3	Marciniak <i>Seeing the development of mathematics education in the light of Kuhn's theory of scientific revolutions</i> H13-2063	Ying*, Hsieh & Tsai <i>Influences of a Liberal-Art Course about East-Asian Mathematical Culture on University Students' Mathematics Beliefs</i> H13-2061						Guitart <i>Learning probabilities by problems and paradoxes: The organization of Joseph Bertrand's textbook (1889)</i> H13-2063	Plantade <i>Jules Houël (1823-1886): From teaching geometry in high-schools to resolving the question of the independence of Euclid's postulate in France</i> H13-2061
coffee/tea break (3:30-4:00) H13-3082		coffee/tea break (3:30-4:00) H13-3082		coffee/tea break (3:30-4:00) H13-3082		CLOSING H13-4082			
4	1-hour Workshop Delire <i>How to construct and use instruments with the pupils, so that they appreciate what mathematics are for – description of two projects (2021-22 and 2023-24) in a Brussels secondary 'active school'</i> K-D26-G07 – BioSci North	1-hour Workshop Haydar* & Durmaz* <i>Teaching Mathematizing Through Stories from the History of Mathematics: Promoting Culturally Responsive and Sustainable Mathematics Education</i> K-F23-101 – Mat 101	Poster Session <i>(will informally begin during break)</i> • León-Mantero*, Casas-Rosal & Madrid* • Madrid*, León-Mantero* & Casas-Rosal • Saclolo H13-3082 <i>(short break to move between rooms)</i>		Plenary Lecture (Theme 4) Helena Dumova <i>The Constructive and Destructive Roles of Calculators in Mathematics Education</i> H13-4082				
4:30			Plenary Lecture (Theme 5) – starts at 4:45, ends 5:45 Kay Owens, Vagi Bino & Charly Muke <i>Past, Present and Future: The Fruitful Interweaving of Cultural Mathematics</i> H13-4082						
5	Opening Reception H13-3082								
6									
7			General meeting for HPM Advisory Board and other interested HPM members H13-4082		Gala Dinner The Lounge, UNSW				
7:30									
8									
8:30									

* indicates the name(s) of the presenting author(s) for co-authored submissions

Last revised 28 June, 2024

Kensington Campus Map



Building Name	Building Code	Building Name	Building Code	Building Name	Building Code	Building Name	Building Code	Building Name	Building Code		
AGSM	G27	Chemical Sciences	F10	International House	C6	NIDA Parade Theatre	E2	Science Theatre	F13	Valentine Annexe	H22
Ainsworth Building	J17	Civil Engineering	H20	John Niland Scientia	G19	Old Main	K15	Shalom College	N9	Wallace Wurth	C27
Bank	F22	Clancy Auditorium	C24	Keith Burrows Theatre	J14	Old Tote	B15	Solar Industrial Research Facility (SIRF)	G23	Warrane College	M7
Barker Apartments	N13	Colombo House	B16	Philip Baxter College	D18	Philip Baxter College	D18	Squarehouse	E4	White House	C15
Barker Street Parking Station	N18	Dalton	F12	Physics Theatre	K14	Physics Theatre	K14	The Red Centre	H13	Willis Annexe	J18
Basser College	D17	Electrical Engineering	G17	Quadrangle	E15	Quadrangle	E15	Tyree Energy Technologies Building (TETB)	H6		
Biological Sciences - North	D26	Esme Timbery Creative Practice Lab	D8	Repository	B21	Repository	B21	University Terraces	B8		
Biological Sciences - South	E26	Fig Tree Hall	B18	Rex Vowels Theatre	F17	Rex Vowels Theatre	F17	UNSW Business School	E12		
Blockhouse	G6	Fig Tree Theatre	B14D	Robert Webster Theatres	G14	Robert Webster Theatres	G14	UNSW Hall	D14		
Botany Street Parking Station	H25	Fitness and Aquatic Centre	B5	Robert Webster Theatres	G15	Robert Webster Theatres	G15	UNSW Regiment	H1		
Building K17	K17	Goldstein College	B17	Roundhouse	E6	Roundhouse	E6	UNSW Regiment 2	J2		
Building L5	L5	Goldstein Hall	D16	Rupert Myers	M15	Rupert Myers	M15	UNSW Regiment 2	J2		
Central Lecture Block	E19	Goodsell	F20	Sam Cracknell Pavilion	H8	Sam Cracknell Pavilion	H8	UNSW Village	B10		
Chancellery	C22	Hilmer Building	E10	Shalom College	N9	Shalom College	N9				
		House At Pooh Corner	N8	Shalom College	N9	Shalom College	N9				
		NIDA	D2	Science and Engineering	E8	Science and Engineering	E8				

Legend

Services

- 24/7 Security
- Arc @ UNSW
- Co-op Program
- Equity and Disability Unit
- Estate Management
- Freehills Law Library
- Future Students
- IT Walk-in Service Centre
- Library
- Medical Centre
- Post Office
- Print Centre
- The Nucleus: Student Hub
- UNSW Bookshop
- UNSW Fitness and Aquatic Centre
- UNSW Residential Communities
- Gate
- Parking Zone

Type

- Bus Bay
- Accessible
- Go Get
- Loading Zone
- Meter/Permit
- Meters
- Motorbike
- Permit
- Reserve