

Timetable & Room Plan for PL & KN

Room No.	Aug. 24		25		26	
	am (8:30-9:30)	pm (17:30-18:30)	am (8:30-9:30)	pm (17:30-18:30)	am (8:30-9:30)	pm (17:30-18:30)
A-05MH	PL 1	KN 1	KN 4	KN 7	KN 10	KN 13
F-12CH		KN 2	KN 5	KN 8	KN 11	KN 14
D-1003		KN 3	KN 6	KN 9	KN 12	KN 15

Timetable & Room Plan for PL & KN

27		28		29		30	
am (8:30-9:30)	pm (17:30-18:30)	am (8:30-9:30)	pm (17:30-18:30)	am (8:30-9:30)	pm (17:30-18:30)	am (8:30-9:30)	pm (16:30-17:30)
KN 16	KN 19	KN 22	KN 25	KN 28	KN 31	KN 34	PL 2
KN 17	KN 20	KN 23	KN 26	KN 29	KN 32	KN 35	
KN 18	KN 21	KN 24	KN 27	KN 30	KN 33	KN 36	

Memo

Sunday, August 24 - Plenary Lecture / Keynote Lectures

<p>Morning Session 8:30-9:30</p> <hr/> <p>A-05MH (PL 1)</p> <p>PL01(C2) Sumio Iijima: Carbon nanotubes</p> <p>Chair: Tomitake Tsukihara</p> <hr/>	<p>Afternoon Session 17:30-18:30</p> <hr/> <p>A-05MH (KN 1)</p> <p>KN01(C3) Helen Berman: What Protein Data Bank tells us about the past, present, and future of structural biology</p> <p>Chair: Stephen Burley</p> <hr/> <p>F-12CH (KN 2)</p> <p>KN02(C3) Angelo Sironi: <i>Ab-initio</i> powder diffraction studies of organometallics and coordination polymers</p> <p>Chair: Martin Schmidt</p> <hr/> <p>D-1003 (KN 3)</p> <p>KN03(C3) Juan Manuel M. Garcia-Ruiz: Growth of silica biomorphs: Self-assembled crystal aggregates with non-crystallographic morphologies</p> <p>Chair: Katsuo Tsukamoto</p> <hr/>
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Sunday, August 24, 2008

B3

Memo

Morning Session 8:30-9:30

A-05MH (KN 4)

KN04(C3) | Sine Y Larsen:
The role of micrometer sized synchrotron radiation beams in the development of structural biology
Chair: **Soichi Wakatsuki**

F-12CH (KN 5)

KN05(C4) | Masahiro Irie:
Photochromism of diarylethene single crystals-reversible color and shape changes on photoirradiation
Chair: **Sergey M. Aldoshin**

D-1003 (KN 6)

KN06(C4) | Giulia A Galli:
Quantum simulations of liquids and solids under pressure: Synergy between theory and experiment
Chair: **Artem R. Oganov**

Afternoon Session 17:30-18:30

A-05MH (KN 7)

KN07(C4) | Wolfgang Baumeister:
Cryoelectron tomography: From molecules to systems
Chair: **Keiichi Namba**

F-12CH (KN 8)

KN08(C4) | Kenneth D. M. Harris:
Advances in direct-space structure determination of molecular materials from powder diffraction data
Chair: **René de Gelder**

D-1003 (KN 9)

KN09(C5) | Irene Margiolaki:
Powder diffraction studies of proteins
Chair: **Robert von Dreele**

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Morning Session 8:30-9:30

A-05MH (KN 10)

KN10(C5) | Zihe Rao:
Structural biology studies of the avian influenza H5N1 virus
Chair: **Jack Johnson**

F-12CH (KN 11)

KN11(C5) | Tim White:
The crystallochemical basis of synthetic mineral immobilisation technologies
Chair: **Giovanni Ferraris**

D-1003 (KN 12)

KN12(C6) | Jian-Min Zuo:
Imaging of nanostructures at diffraction-limited resolution from electron diffraction patterns
Chair: **John C.H. Spence**

Afternoon Session 17:30-18:30

A-05MH (KN 13)

KN13(C6) | Yoshinori Fujiyoshi:
Structure and function of multifunctional channels
Chair: **Wah Chiu**

F-12CH (KN 14)

KN14(C6) | Claude E P Lecomte:
Experimental charge density modeling: Some frontier examples
Chair: **Philip Coppens**

D-1003 (KN 15)

KN15(C7) | Simon J. L. Billinge:
Nanostructure refinement and solution
Chair: **Takeshi Egami**

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Morning Session 8:30-9:30

A-05MH (KN 16)

KN16(C7) | Piet Gros:
 Structural insights into immune defense by the complement system
 Chair: **Ian A. Wilson**

F-12CH (KN 17)

KN17(C7) | Judith A. K. Howard:
 Some structure property relationships
 Chair: **Oscar Au-Alvarez**

D-1003 (KN 18)

KN18(C7) | Jon Gjønnes:
 Electron diffraction intensities and structure analysis
 Chair: **Laurence Marks**

Afternoon Session 17:30-18:30

A-05MH (KN 19)

KN19(C8) | Jill Trehella:
 Combined methods: Small-angle scattering with NMR and crystallography
 Chair: **Mamoru Sato**

F-12CH (KN 20)

KN20(C8) | Stefan Klotz:
 Advances in high-pressure neutron scattering
 Chair: **Osamu Shimomura**

D-1003 (KN 21)

KN21(C8) | Gábor Oszlányi:
 Charge flipping
 Chair: **Lynne McCusker**

Memo

Morning Session 8:30-9:30

A-05MH (KN 22)**KN22(C8) | Nobuo Niimura:**
Neutron protein crystallography, beyond the folding structure
of biological macromoleculesChair: **Ryota Kuroki**

F-12CH (KN 23)**KN23(C9) | J. Manuel Perez-Mato:**
Crystallography and mechanisms of structural phase
transitions: The use of symmetry-adapted modesChair: **Anthony M. Glazer**

D-1003 (KN 24)**KN24(C9) | Cristian Mocuta:**
X-ray scattering on nanostructures: From ensemble average
to single object propertiesChair: **Sol M. Gruner**

Afternoon Session 17:30-18:30

A-05MH (KN 25)**KN25(C9) | Gervais Chapuis:**
Incommensurate, composite modulated structures and
beyondChair: **Sander van Smaalen**

F-12CH (KN 26)**KN26(C10) | Peter Fratzl:**
Materials research with scanning microfocus small-angle
X-ray scatteringChair: **Dmitri Svergun**

D-1003 (KN 27)**KN27(C10) | Alan Tennant:**
Using neutrons and synchrotron X-rays together: Looking at
the full picture in condensed matterChair: **Michael Steiner**

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Morning Session 8:30-9:30

A-05MH (KN 28)

KN28(C10) | Tom L Blundell:
Structural pharmacology and drug discovery: Exploring biological and chemical space

Chair: **Tsuyoshi Inoue**

F-12CH (KN 29)

KN29(C10) | Mohamed Eddaoudi:
Metal-organic materials: Strategies functional porous materials

Chair: **Sue-Lein Wang**

D-1003 (KN 30)

KN30(C11) | Paolo G Radaelli:
Atoms and spins in novel multiferroics: A new twist to an old relation

Chair: **Juan Rodriguez-Carvajal**

Afternoon Session 17:30-18:30

A-05MH (KN 31)

KN31(C11) | Vincent Villeret:
Structure of the FhaC translocation pore : Insights into transport across the bacterial membrane

Chair: **Brian W. Matthews**

F-12CH (KN 32)

KN32(C11) | Michael Zaworotko:
Crystal engineering of co-crystals and their relevance to pharmaceuticals and solid-state chemistry

Chair: **Nair Rodriguez-Hornedo**

D-1003 (KN 33)

KN33(C12) | An-Pang Tsai:
Quasicrystals structures properties and applications

Chair: **Walter Steurer**

Memo

Afternoon Session 16:30-17:30

A-05MH (PL 2)

PL02(C2) | Kurt Wüthrich:
NMR in solution and X-ray diffraction in crystals for
postgenomic biology
Chair: **Eddy Arnold**

Morning Session 8:30-9:30

A-05MH (KN 34)

KN34(C12) | Andrzej Joachimiak:
Focused structural genomics
Chair: **Liang Tong**

F-12CH (KN 35)

KN35(C12) | Jochen R. Schneider:
Science at XUV and hard X-ray free electron lasers
Chair: **Akira Kira**

D-1003 (KN 36)

KN36(C13) | Roberta Oberti:
Structure refinement and structure modelling: A chemical
probe for complex mineral groups
Chair: **Wulf Depmeier**
