

The 253rd MANA Seminar



The importance of non-covalent interactions in the process of structure determination, on physical properties and on crystal engineering

Chair: Dr. Jonathan Hill (MANA Scientist)



Prof. Mark Elsegood

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Recent collaborative work with the Dr. J.P. Hill (NIMS) and Prof. T. Yamato (Saga) groups in Japan have highlighted the importance of hydrogen bonding and $\pi\cdots\pi$ interactions, not only for compound properties, but also the actual process of elucidating molecular structure. Examples will be described for (i) inorganic manganese complexes, (ii) organic, pure-blue, light emitting functionalised pyrenes, (iii) solvates of trimesic acid, and (iv) solvent effects on carboxylate/dimethylamino-pyridinium salt systems.

Venue: Seminar Room #431, 4F, MANA Bldg.,

Date: March 22nd, Thursday Time: 15:30-16:15

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