

Dial-a-Molecule

An EPSRC Grand Challenge network

An EPSRC **Dial-a-Molecule** Grand Challenge theme meeting

Rapid Reaction Analysis



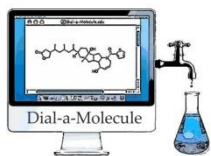
7-8 September 2011

University of Strathclyde, Glasgow, UK

EPSRC
Engineering and Physical Sciences
Research Council



Register online:
www.dial-a-molecule.org/events/
email: dialamol@soton.ac.uk



Rapid Reaction Analysis

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Background

Dial-a-Molecule is a Grand Challenge Network funded by EPSRC that promotes research aimed at step change in our ability to deliver molecules quickly and efficiently. It is also tasked with bringing researchers and practitioners together and to capture their views on how the national research agenda in the short, medium and long term should address this challenge:

How can we make molecules in DAYS not YEARS?

Synopsis

Real-time analysis is key to advancements in a number of areas, e.g. design and optimisation of reactions, within **Dial-A-Molecule**. The meeting will look at: the technologies that are currently available and how they have been or could be used for real-time reaction analysis; and, identification of developments required in instrumentation and data analysis methodologies to enable wider use of real-time reaction analysis.

The meeting will bring together scientists and engineers from a wide range of disciplines to define short- to long-term challenges in the area, which will be used to produce a roadmap. Hence, the meeting provides an ideal opportunity for networking and new collaborations with a view to developing potential ideas for research proposals.

Agenda

DAY 1, 7th September 2011

10.00 - 10.30 Registration and coffee

10.30 - 11.00 Introductory talk

11.00 - 13.00 Presentations from academics and industrialists on examples of use of reaction analysis (end-users and technology providers)

13.00 - 14.00 Lunch Break

14.00 - 15.30 Small-group discussions (needs and requirements from reaction analysis, barriers to wider use of current technology, areas where developments required)

15.30 - 16.00 Coffee Break

16.00 - 17.00 Feedback from small-group discussions

18.30 Dinner

DAY 2, 8th September 2011

Challenge 1: Instrumentation

09:00 - 09:30 Summary of development areas identified on DAY 1

09:30 - 10:30 Small-group discussions on how to move areas forward (short-, medium-, and long-term)

10.30 - 11.00 Coffee Break

11.00 - 12.00 Feedback from small-group discussions

12.00 - 13.00 Lunch Break

Challenge 2: Data analysis

13.00 - 13.30 Summary of development areas identified on DAY 1

13:30 - 14:30 Small-group discussions on how to move areas forward (short-, medium-, and long-term)

14.30 - 15.30 Feedback from small-group discussions

15.30 - 16.00 Coffee Break

Useful Information

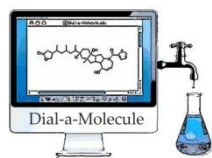
Overnight accommodation is arranged and provided by **Dial-a-Molecule** at **Premier Inn Hotel (George Square)**. If you require accommodation for additional nights please contact Premier Inn Hotel at <http://www.premierinn.com/en/home.action> or at 0871 527 8440.

Please note that delegates will be responsible for their own travel expenses.

Please let us know if you cannot attend the event as we will charge you if you fail to attend on the day without notifying us with 2 weeks in advance.

Registration

The registration deadline is **Friday, 26th August 2011**. For online registration please consult our website at www.dial-a-molecule.org/events/.



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Personal Details

First Name:	<input type="text"/>	Organization:	<input type="text"/>
Last Name:	<input type="text"/>	Department:	<input type="text"/>
Email:	<input type="text"/>	Position:	<input type="text"/>
Phone:	<input type="text"/>	Address:	<input type="text"/>

Please tell us why you are interested in the meeting (<100 words)

Briefly outline any particular areas of expertise/interest relevant to the meeting (<200 words)

I would be willing, if asked, to present a short (10 minute) summary on a topic of my choice relevant to the meeting

Topic Title:

<input type="checkbox"/>	Yes
<input type="checkbox"/>	No

I require overnight accommodation

<input type="checkbox"/>	Yes	<input type="checkbox"/>	No
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I would like to participate at the following days:

<input type="checkbox"/>	Wednesday, 7 th September 2011	<input type="checkbox"/>	Thursday, 8 th September 2011
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Please return by **Friday 26th August 2011** to:

Bogdan Ibanescu, Dial-a-Molecule Network Assistant Coordinator.

Email: dialamol@soton.ac.uk

Post: School of Chemistry, University of Southampton, Highfield, Southampton, SO17 1BJ.

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