Launch Meeting
20th October 2010
The ICC, Birmingham

Your chance to take a leading role in shaping the future for chemical & material synthesis in the UK
### Sigma-ALorich

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tbody>
<tr>
<td>9:30 - 10:30</td>
<td>Coffee and registration</td>
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<tr>
<td>10:30 - 11:30</td>
<td>Peter Lower Level, Welcome and introduction to the ground</td>
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<td>11:30 - 12:30</td>
<td>Paul Introductory Speech, Dia-π-Molecule, &amp; DASTP</td>
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<td>12:30 - 13:30</td>
<td>Lunch break</td>
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<td>13:30 - 14:00</td>
<td>Group discussion about the themes of Dia-π-Molecule and DASTP</td>
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<tr>
<td>14:00 - 14:30</td>
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<td>14:30 - 15:00</td>
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<td>15:00 - 15:30</td>
<td>Coffee break</td>
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<td>15:30 - 16:00</td>
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<td>16:00 - 16:30</td>
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<td>16:30 - 17:30</td>
<td>Roundtable discussion on the themes of Dia-π-Molecule and DASTP</td>
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<td>17:30 - 18:30</td>
<td>Roundtable discussion on the themes of Dia-π-Molecule and DASTP</td>
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### Conference Agenda

- **Vapourtec**
  - **SIGMA**
    - **ALorich**
      - **Foom Advances**
      - **Sigma Alorich**
      - **AD Las**

**Topics Covered:**

- **Materials Science**
- **Materials Chemistry**
- **Materials Engineering**
- **Materials Physics**
- **Materials Applications**

**Focus Areas:**

- **Materials for Sustainable Energy**
- **Materials for Health**
- **Materials for Environment**
- **Materials for Manufacturing**

**Vision:**

In the current socioeconomic image, it appears that the chemical, physical, and biological sciences will be central to the drive for cleaner, more efficient sources and in the development of new materials and technologies. The conference aims to bring together experts from various fields to share knowledge and discuss the latest advancements in the field of materials science and technology.

**Networks:**

- **Dia-π-Molecule & DASTP Joint Launch Meeting**
- **Direct Assembly of Extended Structures with Targeted Properties**
- **An Inexpensive, General, and Eficient Approach to the Assembly of Extended Structures with Targeted Properties**

**Economic Impact:**

Economic activity within a time frame useful to the end-user using self-assembly processes.

**Vision:**

In 20-40 years, scientists will be able to deliver any desired material or product using self-assembly processes.**
Welcome to the launch meeting of the Directed Assembly Grand Challenge.

Outline Target: The development of biomimetic systems that can self-assemble and self-evolve.

Outline Target: An inflatable nanotechnology approach in which the nanorobots can perform specific tasks.

Outline Target: Developing self-assembled modular systems through self-evolution.

Outline Target: Controlling the modular self-assembly science.

Outline Target: Developing biomimetic systems and biomimetic materials.

Outline Target: Developing hybrid frameworks and hybrid materials with targeted properties.

Outline Target: Controlling the assembly of directed molecular materials.

www.develop.org.uk

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Enquiries and further information on the Networks

Dial-a-Molecule

Coordinators:
Prof. Richard Whitby
Prof. Steve Marsden
Prof. David Harrowven

Assistant: Dr. Bogdan Ibanescu

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D AES TP

Network Champions:
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