

2010 High Performance Sports Research Workshop

Day two – Thursday 13 May 2010

Program is subject to change.

8.45am – Tea and coffee (Conference Facilities Concourse)

9.00am – Keynote address (AIS Theatrette)

The value of creating technology and research roadmaps

Speaker: Peter Kean, CSIRO Business Development for the Light Metal Flagship

Peter Kean joined CSIRO in 2003 and has been working in the light metals industry for 25 years. He has an extensive industry background in light metal casting in roles covering the full breadth from researcher through to technology transfer, production and commercialisation.

As an employee of an Australian aluminium company, he lived in the USA and UK for four and a half years working with the automotive industry to develop acceptance of aluminium castings and alloys before going on to develop a patented novel casting process for high volume manufacture of engine blocks and cylinder heads. He was later involved with developing aerospace industry acceptance, in both North America and Europe, for the adoption of structural aluminium castings in applications traditionally manufactured as assembled sheet metal structures.

Originally joining CSIRO to upscale and commercialise a patented CSIRO technology for production of magnesium sheet, he has more recently been involved in business development for the light metal flagship activities in the areas of low cost production of titanium sheet, light metals manufacturing and the aluminium smelting industry through the CAST CRC.

9.30am – Performance challenges and the key determinants of success in Olympic and Paralympic sports

- An overview of the sport and the Olympic and Paralympic events in which Australia competes
- What will be the critical determinants in winning gold in London and Sochi?
- What times and athlete attributes will likely win gold in London and Sochi and how far are Australian athletes from achieving those?

- What are the biggest challenges for the sport leading into London and Sochi?
- Question and answer session

| SPORT | PRESENTATION | LOCATION |
|------------------------|--|-----------------------|
| Rowing | Presented by Andrew Matheson, National High Performance Director, Rowing Australia | AIS Theatrette |
| Track and Field | Presented by Tudor Bidder, AIS Track and Field High Performance Manager | Gold Room |
| Triathlon | Presented by Shaun Stephens, AIS Senior Triathlon Coach | Silver Room |
| Diving | Presented by Ashley Merkur – Aerial Skiing Team Manager, Olympic Winter Institute of Australia | Bronze Room |

10.30am – Morning tea (Conference Facilities Concourse)

11.00am – Roadmap workshopping

- What are the trends and drivers for the future innovation needs of the sport?
- What are the future innovation needs of the sport?
- Where are the capabilities in the national system?

| SPORT | PRESENTATION | LOCATION |
|------------------------|---|-----------------------|
| Rowing | Facilitated by AIS Performance Research and CSIRO | AIS Theatrette |
| Track and Field | Facilitated by AIS Performance Research and CSIRO | Gold Room |
| Triathlon | Facilitated by AIS Performance Research and CSIRO | Silver Room |
| Diving | Facilitated by AIS Performance Research and CSIRO | Bronze Room |

12.00pm – Networking lunch (Indoor Synthetic Pitch)

1.00pm – Performance challenges and the key determinants of success in Olympic and Paralympic sports

- An overview of the sport and the Olympic and Paralympic events in which Australia competes
- What will be the critical determinants in winning gold in London and Sochi?

- What times and athlete attributes will likely win gold in London and Sochi and how far are Australian athletes from achieving those?
- What are the biggest challenges for the sport leading into London and Sochi?
- Question and answer session

| SPORT | PRESENTATION | LOCATION |
|------------------------|--|--------------------|
| Swimming | Presented by Bernard Savage, Performance Science Manager, Swimming Australia | AIS Theatre |
| Water Polo | Presented by Greg McFadden, National Women's Water Polo Coach | Gold Room |
| Sailing | Presented by Michael Dunstan, Technical Director, Australian Sailing Team | Silver Room |
| Canoe and Kayak | Presented by Richard Fox, National Performance Director, Australian Canoeing | Bronze Room |

2.00pm – Roadmap workshopping

- What are the trends and drivers for the future innovation needs of the sport?
- What are the future innovation needs of the sport?
- Where are the capabilities in the national system?

| SPORT | PRESENTATION | LOCATION |
|------------------------|---|--------------------|
| Swimming | Facilitated by AIS Performance Research and CSIRO | AIS Theatre |
| Water Polo | Facilitated by AIS Performance Research and CSIRO | Gold Room |
| Sailing | Facilitated by AIS Performance Research and CSIRO | Silver Room |
| Canoe and Kayak | Facilitated by AIS Performance Research and CSIRO | Bronze Room |

3.00pm – Afternoon tea (Conference Facilities Concourse)

3.30pm – Performance challenges and the key determinants of success in Olympic and Paralympic sports

- An overview of the sport and the Olympic and Paralympic events in which Australia competes
- What will be the critical determinants in winning gold in London and Sochi?

- What times and athlete attributes will likely win gold in London and Sochi and how far are Australian athletes from achieving those?
- What are the biggest challenges for the sport leading into London and Sochi?
- Question and answer session

| SPORT | PRESENTATION | LOCATION |
|----------------|---|--------------------|
| Cycling | Presented by David Martin, AIS Sports Science Coordinator Cycling | AIS Theatre |
| Tennis | Presented by Machar Reid, Sports Science Manager, Tennis Australia | Gold Room |
| Hockey | Presented by TBC | Silver Room |
| Diving | Presented by Graeme Rose, High Performance Manager, Diving Australia | Bronze Room |

4.30pm – Roadmap workshopping

- What are the trends and drivers for the future innovation needs of the sport?
- What are the future innovation needs of the sport?
- Where are the capabilities in the national system?

| SPORT | PRESENTATION | LOCATION |
|----------------|---|--------------------|
| Cycling | Facilitated by AIS Performance Research and CSIRO | AIS Theatre |
| Tennis | Facilitated by AIS Performance Research and CSIRO | Gold Room |
| Hockey | Facilitated by AIS Performance Research and CSIRO | Silver Room |
| Diving | Facilitated by AIS Performance Research and CSIRO | Bronze Room |

5.30pm – Free time and dinner (AIS Dining Hall or other)

There are no formal dinner arrangements. Delegates accommodated in the ASC Residences may have dinner in the AIS dining hall (at no charge). Alternatively, delegates are encouraged to make their own arrangements as a networking opportunity (at their own expense).