







# Human Performance Research Network Symposium 2021 Agenda

## Day 1 Thursday 2<sup>nd</sup> December

| Start  | Duration | Presentation  | Keynote presenter   |
|--|----------|---|---|
| 9:00   |          | Introduction & Welcome  | Dr Nicholas Beagley                                       |
| 9:00   | 10 min   | Opening speech  | Dr Lin Zhang<br>Chief Land Division                       |
| 9:10   | 5 min    | Symposium Overview  | Dr Nicholas Beagley<br>Research Leader for HPRnet Program |
| 9:15   | 5 min    | Victoria University Host Welcome  | TBC   |
| 9:20   | 20 min   |  Army Keynote speech   | TBC   |
| <b>Better Bodies theme – hosted by Dr Mark Patterson</b> |          |   |   |
| 9:40   | 5 min    | Vic Uni   Wearable assistive tech   | Prof Rezaul Begg & Prof Peter Lee                         |
| 9:45   | 5 min    | La Trobe   Movement variability   | Prof Paul Gastin and Dr Kane Middleton                    |
| 9:50   | 5 min    | UWA   Heat Resilience   | Prof Danny Green & Dr Howard Carter                       |
| 9:55   | 5 min    | Vic Uni   Fuelling a fit soldier  | Dr Matthew Lee & Prof David Bishop                        |
| 10:00  | 5 min    | QUT   Performance Patch   | A/Prof Tony Parker  |
| 10:05  | 5 min    | Vic Uni   Combat genes  | Prof David Bishop   |
| 10:10  | 30 min   | Q&A session   | Dr Mark Patterson   |
| 10:40  | 10 min   | BREAK   |   |
| 10:50  | 20 min   |  Navy Keynote speech | TBC   |
| <b>Ready and Resilient theme – hosted by Dr Sam Huf</b>  |          |   |   |
| 11:10  | 5 min    | Macquarie   Resilience at sea   | Dr Monique Crane  |
| 11:15  | 5 min    | Curtin   Optimising team resilience   | A/Prof Daniel Gucciardi                                   |
| 11:20  | 5 min    | Canberra   Resilience (individual & team)   | Dr Richard Keegan   |
| 11:25  | 5 min    | Deakin   Soldier performance management   | Dr Luana Main   |
| 11:30  | 5 min    | UTS   Behavioural Dynamics  | Dr Job Fransen  |
| 11:35  | 30 min   | Q&A session   | Dr Sam Huf  |
| 12:05  | 60 min   | LUNCH   |   |



| Start  | Duration | Presentation   | Keynote presenter   |
|--|----------|--|---|
| 13:05  | 20 min   |  Air Force Keynote speech | TBC   |
| <b>Reliable Robots &amp; Ideally Informed themes – hosted by Dr Christopher Best</b> |          |  |   |
| 13:25  | 5 min    | WSU   AR under stress  | A/Prof John Cass & A/Prof Gabrielle Weidemann             |
| 13:30  | 5 min    | Flinders   AR blindness Look not see   | Prof Mike Nicholls & Dr Sal Russo                         |
| 13:35  | 5 min    | Deakin   Next-Generation Displays and Laser Eye Protection   | Dr Amanda Douglass  |
| 13:40  | 5 min    | UWA   Autonomous System Transparency   | Prof Shayne Loft  |
| 13:45  | 5 min    | UNSW   Autonomous Team Tasking   | Prof Mari Velonaki, A/Prof David Rye                      |
| 13:50  | 5 min    | Macquarie   Adaptive agents for team training  | Prof Mike Richardson                                      |
| 13:55  | 30 min   | Q&A session  | Dr Christopher Best                                       |
| 14:25  | 10 min   | BREAK  |   |
| 14:35  | 60 min   |  HPRnet Strategic view    | Dr Nicholas Beagley                                       |
| <b>Brighter Brains theme – hosted by Dr David Crone</b>                              |          |  |   |
| 15:35  | 5 min    | Swinburne   Microbiome   | Dr Matthew Cooke  |
| 15:40  | 5 min    | Newcastle   Cognitive Gut  | Prof Gene Tyson   |
| 15:45  | 5 min    | UQ   Brain stimulation   | Prof Paul Dux   |
| 15:50  | 5 min    | Curve tomorrow   Circadian   | Dr Tracey Sletten   |
| 15:55  | 5 min    | Monash   Cognitive Fitness Delphi study  | Dr Lucy Albertella  |
| 16:00  | 5 min    | UWA   Warfighter situational awareness   | A/Prof Troy Visser  |
| 16:05  | 5 min    | Uni SA   VR AR Cognitive screening and training  | Dr Alex Chatburn  |
| 16:10  | 30 min   | Q&A session  | Dr David Crone  |
| 16:40  | 15 min   | Answer questions and wrap up   | Dr Nicholas Beagley<br>Research Leader for HPRnet Program |
| CLOSE FOR THE DAY 16:55  |          |  |   |



**Day 2 Friday 3<sup>rd</sup> December**

| <b>Start</b>       | <b>Duration</b> | <b>Presentation</b>   | <b>Keynote presenter</b>                                  |
|--------------------|-----------------|---|---|
| 9:00               | 10 min          | Introduction to the day   | Dr Nicholas Beagley                                       |
| 9:10               | 90 min          | Workshop 1<br>Operating in Chemical, Biological,<br>Radiological and Nuclear (CBRN)<br>Environments | Dr Axel Bender  |
| 10:40              | 20 min          | BREAK   |   |
| 11:00              | 90 min          | Workshop 2<br>Agile Command and Control   | Dr Paul Gaertner  |
| 12:30              | 60 min          | LUNCH   |   |
| 13:30              | 60 min          | Workshop 3<br>Battle-Ready Platforms  | Dr David Holmes   |
| 14:30              | 20 min          | BREAK   |   |
| 14:50              | 60 min          | Workshop 4<br>Resilience Multi-mission space  | Mr Rod Smith  |
| 15:50              | 10 min          | Answer questions and wrap up  | Dr Nicholas Beagley<br>Research Leader for HPRnet Program |
| EVENT CLOSED 16:00 |                 |   |   |