



PROTEST RESEARCH SHEET

Land Forces 2022 reported near 20,000 total attendances over the three day period and Land Forces 2024 is expecting to break that record this year.

What is the land forces exposition?

(11-13 September)

The land forces exposition is an biennial, 3 day event attended by military companies, international contractors to connect military industry between Australia and Asia, Europe and the US (showing off and selling murderous new military innovations).

There's an exhibition where attendees can see the technology of different companies- tanks, drones, surveillance technology etc. Experts give presentations about "current challenges and opportunities arising within the land defence sector".

The ADF will also attend this year and hold some events talking about technology in the military.

So its basically a coming together of international capitalists and war criminals to come up with more effective killing strategies + technologies.

Links

Full program

<https://landforces.com.au/program/full-event-program.asp>

Program with presenters:

<https://landforces.com.au/program/conference/the-land-forces-2024-hub>

CAS program

<https://landforces.com.au/program/australian-army.asp>

Innovation awards

<https://landforces.com.au/innovation/index.asp>

Exhibitors list

<https://exhibitors.landforces.com.au/land-forces-2024/Exhibitor>

SPONSORS

- Australian Missile Corporation*
- Blackwoods
- Hexagon
- NIOA
- Nova Systems
- Synergy Group

- Talent Solutions
- Nous
- Toll
- Ventia

* subsidiary of NIOA

EVENTS

CAS: “Chief of Army Symposium”

Army innovation day 2024

Collaboration between Advanced Strategic Capabilities Accelerator (ASCA) & the Australian Army

- Challenge: (AID24) Optimising the soldier for littoral operations
 - “...enhance the operational endurance, tactical lethality and survivability of soldiers”
 - Ie. make soldiers have longer operations, kill better and die less in littoral zones.

Quantum Technology Challenge (QTC)

Technology that “exploits the fundamental laws of nature”

- Challenge TBC

INNOVATION AWARDS

- Land Forces 2024 Innovation Award
- Land Forces 2024 Emerging Technology Award
- Land Forces 2024 Young Innovator Award (open to under 30 years of age or less than seven years of experience post qualification)

Sponsored:

- Defense innovation partnership
- Defense innovation network
- Defense science center
- Defense science institute
- Queensland defense science alliance

Judge Panel:

“A panel of innovation experts will judge the Land Forces 2024 Innovation Awards, including current and former leaders from leading Australian Defence, Research and Industry organisations including Austrade, Boeing, the Centre for Defence Industry Capability, Defence Science Institute, DMTC Limited, Defence Science and Technology Group and CSIRO.”

<https://landforces.com.au/innovation/judging-panel.asp>

PEOPLE OF NOTE ATTENDING

PERSON	GENERAL INFO	PRESENTATION	ISRAEL TIES (Personal and Industry Relations)
Dr Khusro Saleem Chief Technology Officer and cofounder of Australian Systems Research	Researcher at University of Melbourne in Department of Electrical and Electronic Engineering. Chief Technology Officer at Australian Systems Research Defence	“Wideband electronic warfare and battlespace control” - Basically discussing a better way to control the electromagnetic spectrum (radio, infrared, radar)	
Michael Ahern NIOA General Manager Weapons & Munitions	Leads NIOA's government weapons and munitions programs: LAND 159 Lethality Program: - Contract with ADF to provide next-gen weapon systems, surveillance and target acquisition technologies, ammunition, enhanced guns, etc	”Realising the Defense Industry Development Strategy for ADF Munitions”	

<p>Simon Stuart Lieutenant general, chief of army</p>		<p>Will be “welcoming [attendees] to CAS”, might be Thursday 12/9 but unsure</p>	<p>“has commanded on operations on five occasions at the company, Joint Task Force, brigade and force levels in East Timor, Afghanistan and Egypt/Israel respectively” Need more information on this if possible</p>
<p>Professor Chris Manzie (Head of the Department of Electrical and Electronic Engineering)</p> <p>+</p> <p>Professor Dragan Nesic</p>	<p>From the University of Melbourne</p>	<p>C4ISR, which stands for Command, Control, Communication, Computers, Information, Surveillance and Reconnaissance.</p> <p>- That includes missile detection systems, battlefield communication systems, and intelligent surveillance systems etc. Lockheed Martin especially involves itself in this area.</p>	<p>Has published papers with the <i>Technion Israel Institute of Technology</i> in 2020-01-01 and 2023-03-09</p>
<p>Zach Stock- Head of Discipline (Mechanical Engineering) - Thales Australia</p>	<p>Heads the Integrated Weapons and Sensors division of Thales Australia</p> <p>· “With an extensive background in additive manufacturing, Zach has previously established the Sydney Manufacturing Hub at The University of Sydney.”</p> <p>The Sydney Manufacturing Hub is... (need info)</p>	<p>Optimising weight and thermal management of future small arms systems</p> <p>– DMTC (Defence Materials Technology Centre) project involving Thales Australia and higher-degree researchers from The University of Queensland and RMIT.</p> <p>- “...part of sector-wide innovations to enhance the ADF’s soldier combat system”</p> <p>Description of presentation talks mostly about removing “non-functional weight carried by deployed forces.” But mentions</p>	

		small arms research. Need more info on this	
Jamie Bruce CEO of Birdon Group		Navigating International Waters: Lessons Learned from Birdon's Exporting Journey	Lists IDF as one of their clients on Birdon website.
Dr Immaculate Motsi AI and Cyber Futures Institute at Charles Stuart University		<p>Integrating AI into military operations presents opportunities and challenges, necessitating alignment with Public International Law.</p> <p>- will talk about how AI can be used 'ethically' in warfare and "stressing adherence to International Humanitarian Law and related treaties".</p>	<p>Personal: Attended a Pugwash meeting and was involved in working group about denuclearisation that came to the conclusion that "Official diplomatic recognition of Israel by key states in the region may allow discussions on WMD Free Zones to commence." (2007) https://ciaotest.cc.columbia.edu/pbei/pugwash/0001473/0001473.pdf</p> <p>Pugwash released a statement about the genocide in Gaza and state that "Each side has legitimate grievances and concerns that must be recognized and addressed"</p> <p>AI AND ISRAEL: Israel has AI operation called "lavender" which goal is to find, track and try to kill targets and have used this extensively in Gaza</p> <p>They also have an AI operation "Where's Dad" goal is to follow the targets home to their</p>

			<p>families to bomb them all together.</p> <p>https://www.972mag.com/lavender-ai-israeli-army-gaza/</p> <p>(how disgusting to be touting the apparent importance of ethical responsibility with military AI at a conference of war criminals fuelling the Palestinian genocide!)</p>
Jim McDowel	<p>was the CEO of BAE systems in 2001-2011 (during Afghanistan war and 2008- 9 Israeli attack of Palestine operation cast lead) * and the Director of the Asia branch from 1998-2001</p> <p>*BAE systems developed the Tornado GR4 (plane) for the RAF that was used in the Afghanistan war.</p>		
Chris Deeble	<p>was RAAF air vice-marshal (third highest rank in the RAAF) in 2006-2011</p>		<p>Was in attendance on the 25th of October 2023 when the Senate Foreign Affairs, Defence and Trade Legislation Committee discussed</p>
Leon Phillips	<p>air marshal: chief of guided weapons and explosive ordnance for the au military</p>		

EXHIBITORS OF NOTE

Universities:

- Curtin university***
- Deakin university*
- Murdoch university***
- Swinburne university*
- University of South Australia
- University of Western Australia
- University of Canberra
- RMIT*
- Melbourne uni *
- La Trobe*
- Charles stuart uni**
- Charles darwin uni
- University of newcastle
- Flinders university
- University of adelaide
- University of new south wales
- Monash University Optical Magnetometry

*Partnership with Defence Science Institute (sponsor of innovation awards)

**Partnership with Defense Innovation Network (sponsor of innovation awards)

***Partnership with Defence Science Centre (sponsor of innovation awards)

Might be participating in the innovation awards?

Israel aerospace industries

COMPANIES EXHIBITING

COMPANY	STAND NO.	GEN INFO	ISRAEL TIES
NIOA GROUP	4Y1	Largest Australian-owned supplier of weapons and munitions to the ADF Has a joint venture company with Rheinmetall (Rheinmetall NIOA Munitions Pty Ltd). This joint	- Barret (USA) is a subsidiary of NIOA

		venture produces and exports ammunition for the US F-35 Joint Strike Fighters (jsf).	
Israel Aerospace Industries (IAI)	2F1	Owned by Israeli government. One of Israel's main military and civilian aircraft manufacturers. Might be exhibiting AIR LORA missile	IAI manufactures the Heron TP drone (EITAN) IDF/IAF uses this drone in Gaza <ul style="list-style-type: none"> - Was used during Operation Cast Lead - Used "extensively" in Operation Protective Edge (2014)* *Operation Protective Edge killed 2,131 Palestinians, at least 1,473 of whom were civilians, including 501 children and 257 women. At least 11,000 Palestinians were wounded, including 3,374 children
BAE Systems	E151		<ul style="list-style-type: none"> - Manufactures the M109 howitzer (155mm artillery shells) that IDF has used extensively in Gaza Strip. Some of these shells were white phosphorus bombs. - Manufactures electronic missile launching kits and other things for Israel's F-15, F-16 and F-35 fighter jets.
BOEING	C071	<ul style="list-style-type: none"> - Makes joint direct attack munition (JDAM) kit which convert unguided bombs *(MK-80 series) into guided bombs *made by General Dynamics Fifth largest weapons manufacturer	<ul style="list-style-type: none"> - Makes a bomb (SDB GBU-39) that was confirmed to be used on Rafah refugee camp and UN school by IDF.
BIRDON GROUP	E033	Australian company involved in maritime and submarine warfare assets/ strategy have designed/constructed numerous boats for the US army.	They proudly list the IDF as one of their clients on their website

ELBIT SYSTEMS	A115		<ul style="list-style-type: none"> - Israels largest weapons provider - Makes the Hermes 450 drone which was used by Israel to attack a World Central Kitchen aid convoy on 1/04/24 which killed 7 aid workers.
GENERAL DYNAMICS	E193		<ul style="list-style-type: none"> - Makes the unguided MK-80 bomb series and can be converted into guided bombs using JDAM. These are the bombs that Israel used on Jabalia refugee camp!
LEONARDO DRS	E083	<ul style="list-style-type: none"> - Subsidiary of Leonardo SpA, an Italian weapons conglomerate that Italys ministry of economy and finance owns 30% of (SpA 	<ul style="list-style-type: none"> - \$15.4 million contract with Israel to provide heavy duty tank trailers was agreed in December 2023, estimated to be completed in 2026.
LOCKHEED MARTIN	E095	Worlds largest weapons manufacturer	<ul style="list-style-type: none"> - Provides F-16 and F-35 jets to Israel. Awarded a \$10.5 million contact for the maintenance and improvement of F-35 jets on December 28 2023 - Manufactures the Hellfire R9X bomb. Developed by the CIA (Obama administration) for assassinations, which instead of exploding, deploys six rotating blades that shred its target. Used on journalists sitting near Shifa Hospital in Gaza (Nov 9)
NORTHROP GRUMMAN	E077	Worlds sixth largest weapons manufacturer.	
VIC GOVERNMENT	C135, A135		

