

## Rethinking the Combat Air Survivability Mix, 2019

20 March 2019, Royal United Services Institute, 61 Whitehall, London SW1A 2ET

- 0900-0930      **Arrival and Welcome tea & coffee**
- 0930-0940      **Welcome, Admin, Aims and Objectives**  
**Justin Bronk**, Airpower Research Fellow, RUSI
- 0940-1030:      **Keynote Address:**  
Chair:            **Professor Peter Roberts**, Director, Military Sciences, RUSI  
Speaker:        **Air-Vice Marshal Simon Rochelle**, Chief of Staff Capability, Royal Air Force  
*Next generation threats, opportunities for the RAF*
- 1030-1200:      **Divergence or Compromise? Different Combat Air Survivability Roadmaps**  
Chair:            **Professor Trevor Taylor**, Professorial Research Fellow in Defence Management, RUSI  
Speakers:       **Maj Gen Frédéric Parisot**, Armée de l'Air  
*Future Rafale Survivability Evolution/NGF Programme*  
**Adrian Spragg**, MD, UK Aerospace & Defence Industry, Accenture  
*Tempest and the Digital Twin*  
**John Venable**, Senior Research Fellow, Heritage Foundation  
*The US Air Force outlook*  
**Paul Smith**, Operational Requirements Manager – Air, BAE Systems  
*Typhoon Future Survivability Enhancement Roadmap*
- 1200-1245:      **Lunch**
- 1245-1415:      **Stealth, Sensors and Electronic Warfare as Survivability Elements?**  
Chair:            **Alexandra Stickings**, Research Analyst, Space Policy and Security, RUSI  
Speakers:       **Ioannis Vagias**, Radar Lecturer, Cranfield  
*Passive and bi-static radar capabilities, potential and limitations.*  
**Maj Gen Borys Kremenetskyi**, Defence and Air Attaché, Embassy of Ukraine  
*Russian Military Jamming in the Air Environment*  
**Gp Capt Jason Crawford**, Director Joint EW Ops Support Centre, JFC  
*Electronic Warfare for the Joint Force*  
**Justin Bronk**, Research Fellow for Airpower, RUSI  
*Radar and Sensor Evolution: Trends and Implications*
- 1415-1445:      **Coffee Break**
- 1445-1615:      **The disruptors – Training, Nuclear Weapons, China, and the F-35**  
Chair:            **Justin Bronk**, Research fellow for Airpower, RUSI  
Speakers:       **Meia Nouwens**, Research Fellow, IISS  
*A view on China's Trajectory*  
**Prof Daniel Baltrusaitis**, Professor Strategic Studies, NDU, Washington DC  
*Training as an Asymmetric Edge in Air Combat*  
**Emmanuelle Maitre**, Research Fellow, FRS  
*DCA and future nuclear requirements for NATO Air Forces*  
**Mark Moore**, Strategic Studies Group, Lockheed Martin  
*Situational Awareness and Networking as a Disruptor*
- 1615-1645:      **Closing Keynote:**  
**Gen (retd.) Frank Gorenc**, former Commander USAFE/A, F-15C command pilot  
*Continuity in a world of change*