

## ITPS 2022 Spring Newsletter

### International Instructor Team



The instructor team at the International Test Pilots School (ITPS) is composed of professionals from over eleven different countries! Currently numbering twenty and growing (not all in picture), this concentration of flight test expertise is a unique resource to the aerospace industry. Giorgio Clementi is supported by the strong leadership of Stephen Crockatt, former Commanding Officer of the Empire Test Pilot School, and Williams Grac, former Director of the French École du Personnel Navigant d'Essais et de Réception (EPNER). ITPS is truly International!

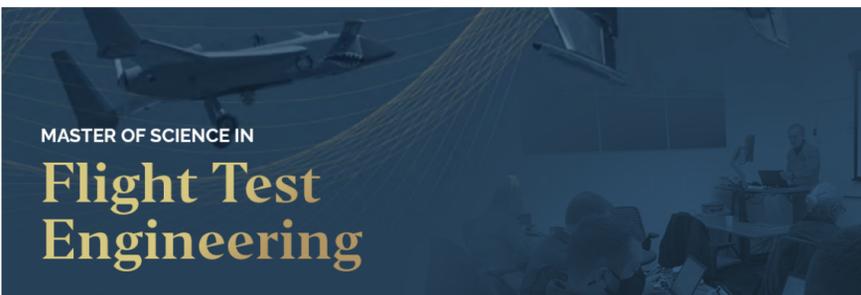
[Watch our latest video](#)

### Largest Student Enrollment



We kicked off 2022 with the largest class of students in recent memory - 29 students from seven countries. A record number of students are enrolled in our 2022A graduate class and at least eight students will be starting the 2022B graduate course this June. In anticipation of this large cadre, ITPS has built a large new study area that students may use outside the classrooms.

### New Master of Science in Flight Test Engineering



Our first MS FTE students started at ITPS on January 4, 2022. This 12-month programme consists of mandatory and elective courses and a culminating final project completing the 53 academic credits required for graduation.

### eVTOL Engineering Simulator



The eVTOL engineering simulator was developed to support ITPS UAS/UAM flight testing courses. Connected to our Telemetry Room and Ground Control Station (GCS) with real-time data monitoring by engineers, it allows the rehearsal of piloted, remotely piloted, and autonomous eVTOL flight test operations. The eVTOL simulator cockpit allows for multiple control configurations to evaluate different Human Machine Interface (HMI) strategies. Piloted evaluations feature a mixed reality solution providing a high degree of realism. The design is based on a Bell 206 to represent a machine with potential UAM or utility applications.

### TAI Invites ITPS President to Fly the HURKUS



ITPS President Giorgio Clementi was invited to test fly the Turkish Aerospace Industries Hurkus trainer. He was also given an opportunity to fly the Hurjet Advanced Trainer engineering simulator and the T-625 medium helicopter simulator. Discussions were held with the Project Team for the National Fighter Program. Flight in the Hurkus was flown with TAI Chief Test Pilot, an ITPS 2012 graduate. The Hurkus is a tandem two-seat, low-wing, single-engine turboprop and is a basic trainer and ground attack aircraft for the Turkish Armed Forces. TAI has been a long-standing client of ITPS, and we have trained all their Test Pilots and Flight Test Engineers at our London school. This January we welcomed several students from TAI with more joining in June for the 2022B graduate course.

### Short Courses Completion



Several short courses have been delivered this year including the Digital Flight Control Systems (DFCS) and Fixed and Rotary Wing Flying Qualities Flight Tests short courses. Pictured are two of our graduates, from Leonardo and Dornier Seawings GmbH. Our online courses continue to grow in popularity and more courses are in development. ITPS is committed to providing accessible learning materials to meet the evolving needs of the flight test community.

### AW-139 Simulator Accepted from Entrol



The Advanced Aircraft Simulation Centre is growing again! The floorplan layout is being rearranged to make room for new simulators including the eVTOL, F-16, AW-139 and engineering simulators. These synthetic learning tools are used for both our flight test and tactical training divisions and provide a cost-effective addition to traditional ground school and flying.

## Adding to our Team of Expert Instructors



Stephen “Croc” Crockatt has joined our team as Deputy Head of Training. He brings with him years of test pilot experience in the Royal Navy and UK MoD, on rotary wing aircraft. While assessing and maintaining UK’s test pilot standards and instructional qualifications, he was selected to be the Commanding Officer of ETPS. [Read more on our website.](#)



Following a 31-year career as a rotary wing pilot, Mark Chivers has joined our company as a test pilot instructor. Mark has amassed over 3500 flight hours on more than 40 aircraft types. He holds both EASA and FAA pilot licenses as well as a bachelor’s degree in mechanical engineering. [Learn more on our website.](#)

## Using Innovative Technology for Learning



The Adaptive Handling Qualities Aircraft (AHQA) has completed Phase 1 testing and is now conducting Phase 2 aimed at establishing the in-flight demonstration exercises. AHQA will be employed in support of our Flying Qualities and Digital Flight Control Systems (DFCS) courses. This unique aircraft provides students a real-time testing of handling qualities while linking to the Telemetry Room for a team training experience.

## International Tactical Training Centre Seminar



On May 2nd, our tactical training division, ITTC, will be hosting an online seminar with subject matter experts exploring the past, present and future battlespace and the effects emerging technologies are having on advancing the tactical training methodologies including UAVs. This is a free event for the aerospace and defense industry. Presenters include Boeing, Billie Flynn, Duane Lecaine, Lockheed Martin, CAE, Dave Wheeler, Steve Bigg, Mike McDaniel. Register at: [info@ITTC-Canada.com](mailto:info@ITTC-Canada.com).

## ITPS To Host SFTE 53rd International Symposium



The 53rd Society of Flight Test Engineers International Symposium will be held at ITPS Canada on October 24-28, 2022. This important event will be part online and part in-person. This exciting week of short courses, presentations, technical tours, and social and networking events offers valuable insights into flight testing with innovative technologies and test techniques as well as lessons learned when plans do not go as anticipated. Using this knowledge, we can better shape the future of flight testing.

The Call for Papers has been extended to May 13, 2022. Please contact Panos A. Vitsas at [sfteca.symposium@gmail.com](mailto:sfteca.symposium@gmail.com) for more information. As judged during the symposium, the best presentation will be awarded a \$1000 prize.

Registrations will be taken starting in the summer of 2022. Kindly visit the [SFTE, Canadian Chapter webpage](#) for updates.

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The International Test Pilots School looks forward to a momentous year of student learning. Visit our [News posts](#) for more information.



Our mailing address is:  
\$[HF:ORGINFO]\$

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