

## **COGNITIVE PSYCHOLOGY & EYE TRACKING**

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2<sup>nd</sup> October 2020 – 10.00-13.00 CET

Humans, and therefore, human factors are ubiquitous in aerospace whether the flight is crewed or "unmanned". Growth and maturation of remote monitoring technology hand in hand with an urge for human behavior objectivation bring under projectors the eye-tracking. The aviation domain can benefit from this promising technology on all levels from improving training programs and certification processes, through flight data analysis to onboard and on-ground human-computer interaction enhancement.

This session will provide an overview of eye-tracking technology both in general terms and applied to the aerospace domain. We cover the fundamentals of eye tracking, eye movements, eye data analysis, and will provide some applied examples from commercial aviation. The webinar is aimed at both newcomers and experts in cognitive psychology and eye-tracking.