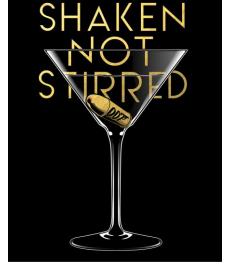


SE Cocktails -

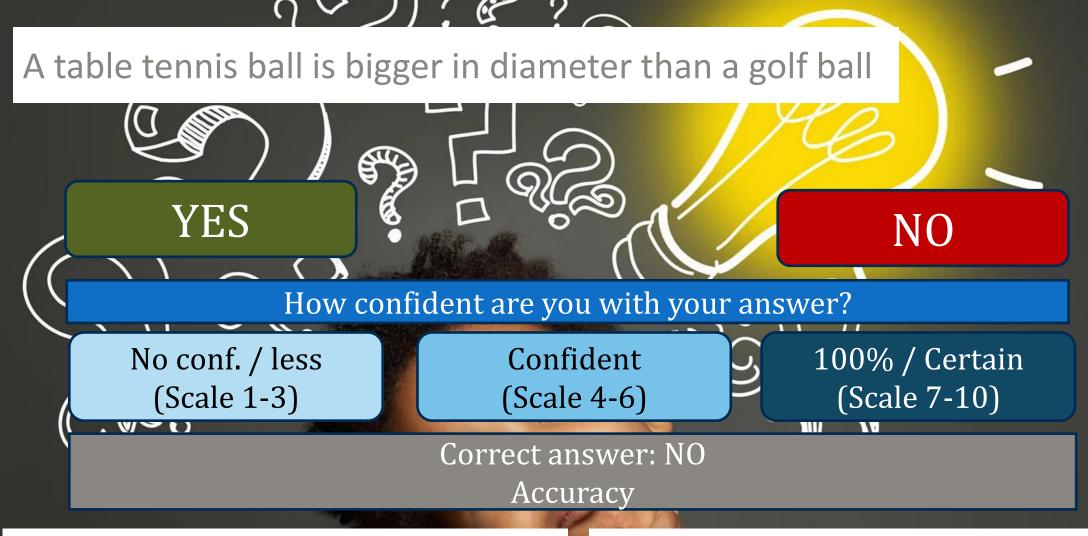


Bridging from the proven to future of development with confidence





Sven-Olaf Schulze



- 10 questions
- Self-awareness factor =

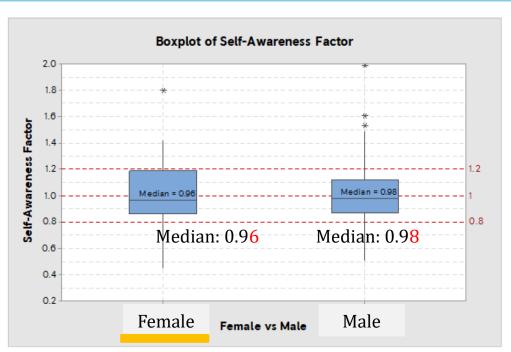
Avg. Confidence/ Avg. Accuracy

- Grouping for self awareness
 - Humble (< 0.8)
 - Self-aware (Calibrated; 0.8 to 1.2)
 - Bold (>1.2)

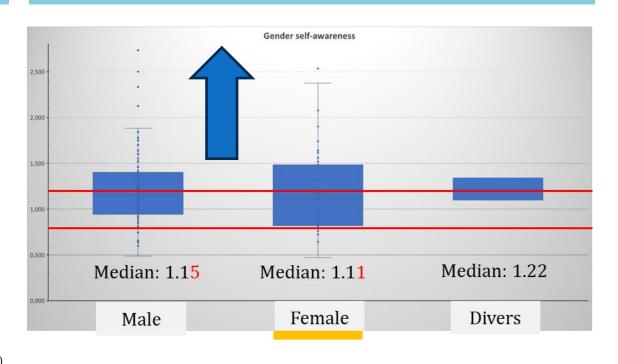
Gender self-awareness effect



2019 Paper



2024 survey



INCOSE Symposium 2019 "The Good, The Bad and The Ugly" (A. Nolan, J. Russel, J. Nolan und T. C. Pruitt)

No change compared to 2019 – female and male on the same level **Trend to become BOLD in self- awareness (independent of age)**

Self-awareness summary







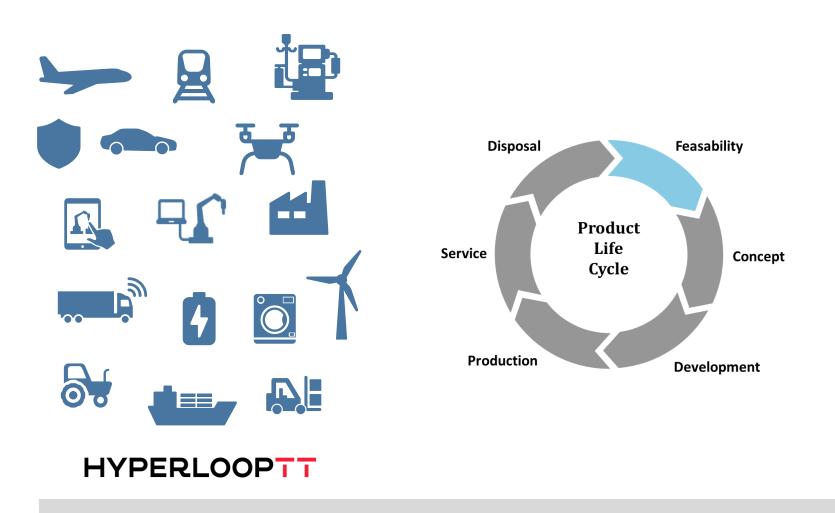


Humble: Know more than they think

91% of the population is using "Judgement" as a technique and it is the most sensitive one!

Existing and upcoming challenges for every enterprise













Autonomous – SMART – Interoperability – Sustainability – Circular Economy - Digitisation - you name it!

The forgotten enablers for a project

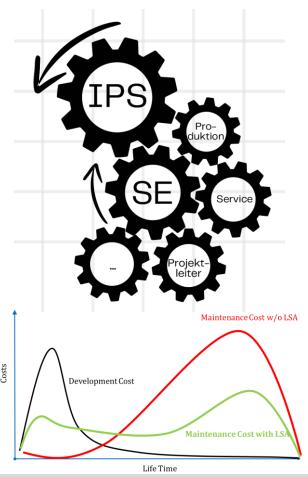


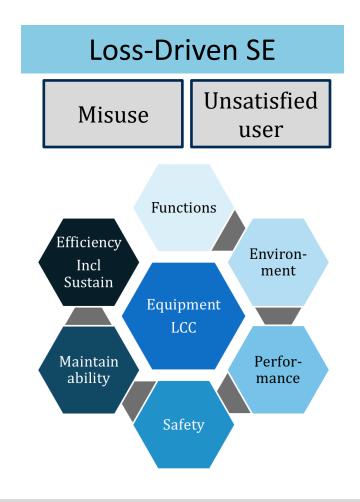




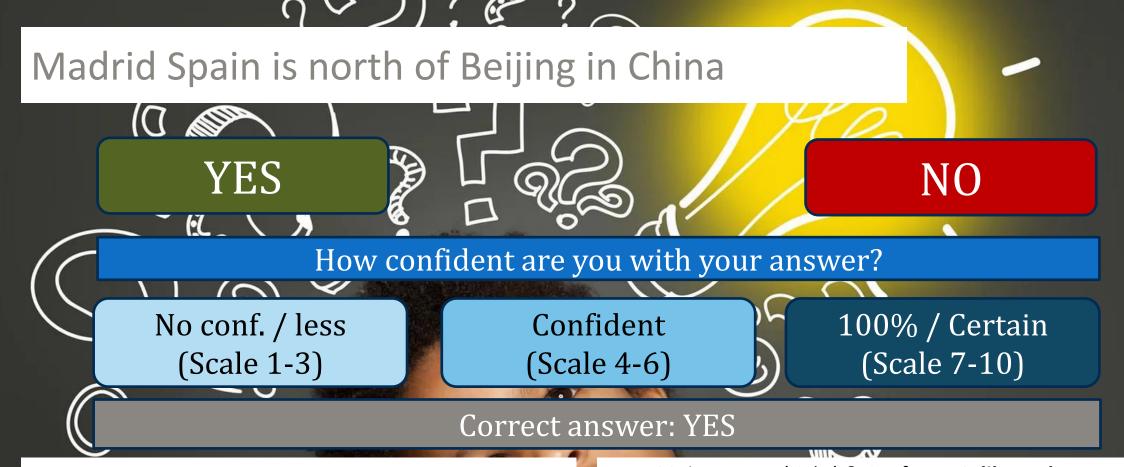








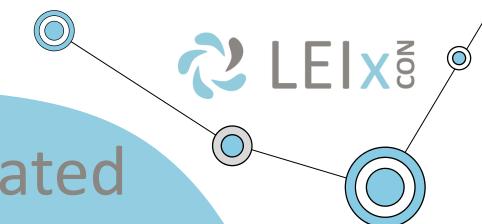
Loss-Driven Systems Engineering & IPS is getting more important and a driver of future business "Analyse function to success" in development to judge for the global optimum and fit to enterprise strategy



YOUR self-reflection:

- Are you more sensitive to Confidence scoring?
- Self-awareness? Tent to be

100% accurate (right) & Conf >7 = Calibrated
100% accurate (right) & Conf < 6 = Humble
50 % accurate & Conf. > 7 = Bold
50 % accurate & Conf. between 4 and 7 = Calibrated
50 % accurate & conf < 3 = Humble
0% accurate & conf > 4 = Humble
0% accurate & conf. < 3 = Calibrated



Be a calibrated Engineer

- Integrate confidence in judgement
- Integrate IPS in an early phase
- Challenge models and consider standards as input
- Focus on the problem statement
- Improve your engineering toolbox (methods)
 Stir your project avoid shaking

Thank you – Discussion appreciated





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