The background features a dark, futuristic cityscape at night, with numerous skyscrapers and lights. In the foreground, a glowing blue wireframe car is shown from a side profile, with its internal mechanical components and wheels highlighted in a bright blue light. The car is positioned on a dark, reflective surface that shows its reflection.

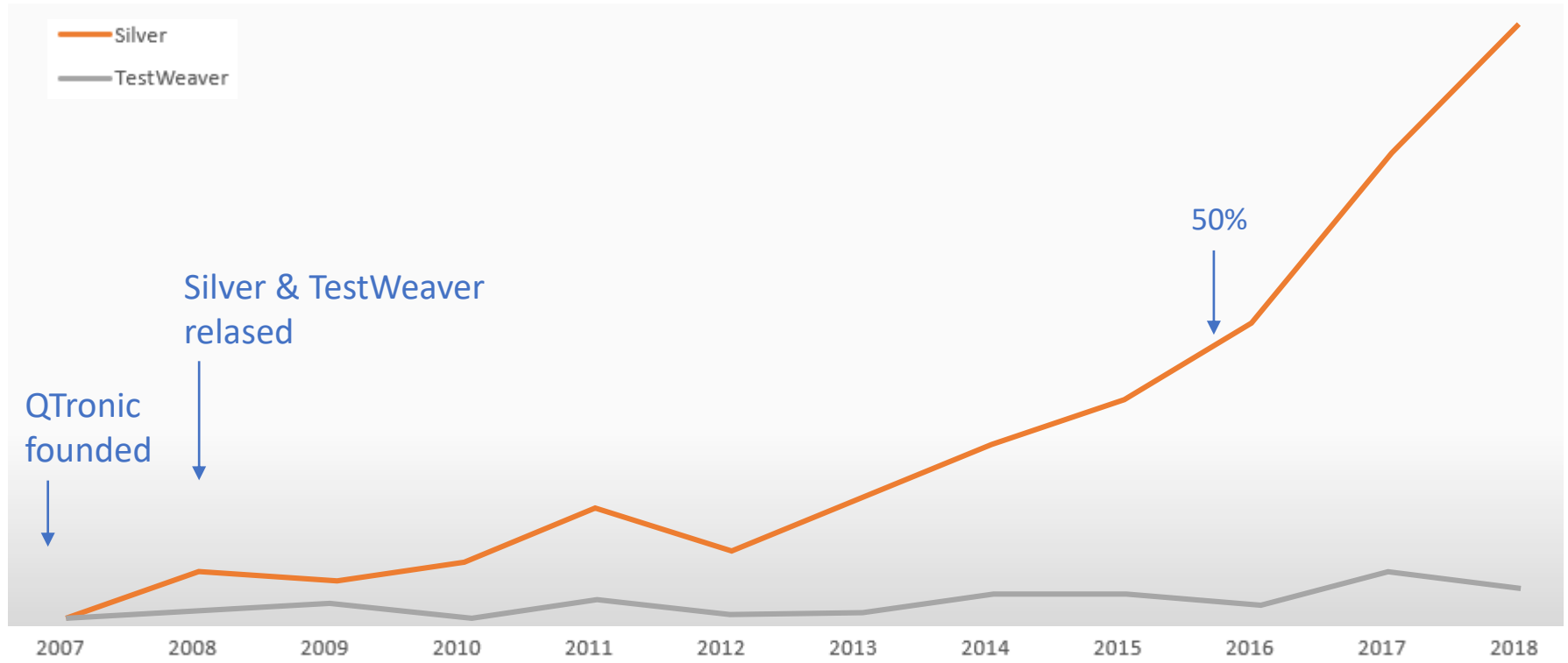
QTronic User Conference 2018

Virtual ECUs and Applications

Opening
Jakob Mauss
QTronic

Berlin, 18.10.2018

Licenses sold per year



QTronic User Conference 2018

91 Participants from

Audi

BMW

Continental

Daimler

Denso

Fiat Powertrain

Ford

Honda

IAV

ITK Engineering

Opel

Porsche Engineering

Renault

Ricardo

Schaeffler

TU Berlin

Tremec

Volkswagen

Volvo Cars

and others ...

plus 22 participants from QTronic

Exhibition: QTronic & Partner Companies

Tool demonstrations

Q & A with experts from

IPG

- CarMaker: Traffic simulation with Silver virtual ECUs, e.g. for ADAS

Ricardo

- WAVE-RT engine models in closed loop with Silver vECU

Verifysoft

- CTC++: to measure code coverage of vECU test runs

QTronic

- Silver: virtual ECU
- TestWeaver: large coverage testing

Tutorial Day - 19.10.2018

Short Intros to key-features of Silver and TestWeaver
59 Participants

8:15

T0 – Overview on Silver and TestWeaver

T1 – Pre-calibration of powertrain controllers

T2 – Test automation with Silver and Excel

T3 – Requirement modeling with RML

T4 – Large-Coverage Testing with TestWeaver

T5 – AUTOSAR support in Silver

T6 – Simulink support in Silver

T7 – Continuous Integration

T8 – Mixed ECU/vECU applications (real-time)

T9 – Building virtual ECUs from C code

T10 – Building virtual ECUs using chip simulation

T11 – Running Basic Software in Silver

T12 – ADAS and autonomous driving

16:30

Limited numbers of places left: Register today

Conference Program - 18.10.2018

- 09:50** **Automatic Transmissions 1: Daimler, Tremec**
- 11:00** **coffee break**
- 11:30** **Automatic Transmissions 2: IAV, Global Crown**
- 12:00** **Electrical Drives: Volvo Cars**
- 13:00** **lunch**
- 14:00** **Combustion Engines 1: Daimler, Volvo Cars, Renault**
- 15:30** **coffee break**
- 16:00** **Combustion Engines 2: Honda, Ford**
- 17:00** **Silver and TestWeaver: new features**
-
- 17:30** **Get-together**
- 18:00** **Dinner**