

**Session Title: Fuel Cells**

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**Abstract title: Honda Fuel Cell Development and Toward Hydrogen Society**

Honda has been developing the Fuel Cell Vehicle (FCV) from end of 1980's and launched FCV named Clarity Fuel Cell installed fuel cell powertrain system under the front hood in March, 2016. Development history of Honda, technical feature of this FCV and direction of future activities are described in this presentation. Honda does not only develop the FCV, but also develop the Smart Hydrogen Station called SHS using unique original electrolysis technology and mobile inverter connected to FCV for power output. Honda has conceptual activities toward the hydrogen society, called "generate", "Use" and "get connected".