A tool for the automatic identification of weave and wobble (Veneri, Bova, Formentini, Massaro - University of Padova, Dynamotion)

Study on Identification of Equivalent Torsional Wobble (Veneri, Bova, Formentini, Massaro - University of Padova)

Study of Personal Mobility Vehicle with In-Leaning Behaviour using Driver Model (Matuza, Kageyama, Kuragawa, Haraguchi, Kaneko, Kobayashi, Murayama - Nihon University, Nagoya University, Osaka Sangyo University, IPS Automotive)

Influence of damper control on traction and wheelie of a full suspension eBike with anti-squat geometry (Krug, Mota, Schnebel - Robert Bosch)

A narrow-track tilting tricycle with variable stability that the user can control manually (Person, Shorleit, Dressel - University of Wisconsin-Milwaukee)

CHARACTERIZATION OF PLAIN-BEARING Wobble Mode and the Conditions Necessary for Perceptible Response (Christensen, Brandenk, Taylor - Harley-Davidson Motor Co)

Linear and nonlinear controllers of an autonomous bicycle have almost identical basins of attraction in a non-linear simulation (Meheenh, Ruina - Cornell University)

Linear and nonlinear controllers of an autonomous bicycle have almost identical basins of attraction in a non-linear simulation (Meheenh, Ruina - Cornell University)

Characterization of pleasant motorcycle riding with vehicle dynamics data (WR, Metz, Hammer, Moerbe, Henzler, Harnischmacher - VW, Robert Bosch, KTM AG)

Data Analysis of Motard Motorcycle (Shigawara, Nosawa, Massa, Yamaha Motor Co, Jws Co)

Validation of a Bicycle Dynamics Assistance System Using Hardware-in-the-Loop Simulation (Pfeiffer, Wrede, Steeb - Pforzheim University)

Linear and nonlinear controllers of an autonomous bicycle have almost identical basins of attraction in a non-linear simulation (Meheenh, Ruina - Cornell University)

POSTERS

Design of a new tool for the automatic identification of weave and wobble (Veneri, Bova, Formentini, Massaro - University of Padova, Dynamotion)

Measurement of forces and moments of bicycle tyres (Mastinu, Gobbi, Matrascia - Politecnico di Milano)

Optimal control of dual-steering robotic bicycle: a bicycle and a segway and everything in-between (Das, Ruina - Cornell University)

Regulatory and Political Challenges for Personal Mobility Vehicles (Cardoza, Happee - Dana, Cruden BV, TU Delft)

Evaluation of a Motorcycle Simulator (Westerhof, de Vries, Schwab, Happee - Dana, Cruden BV, TU Delft)

Optimal control of dual-steering robotic bicycle: a bicycle and a segway and everything in-between (Das, Ruina - Cornell University)

High Speed Stability On Dual Sport Motorbike (Chuail, Girange, Deja, Provincet - Michelin)

Motorcycle Dynamics and Control of the MOTOROiD That Stands Upright Even When Stopped (Tsuchiya, Tsujii - Yamaha Motor Co)

Analysis of High speed stability of Weave Mode in Motorcycle by Using Energy Flow Method (Tamoto, Kimura, Miki, Katayama - Yamaha Motor Co, New Mongolian Institute of Technology)

Analysis of High Speed wobble Mode using Energy Flow Method (Yoshino, Tamoto, Kimura, Katayama - Kurum Institute of Technology, Yamaha Motor Co, New Mongolian Institute of Technology)

Replacement Front Suspension System For Telescopic Forks On Sports Motorcycles (Rae)

A narrow-track tilting tricycle with variable stability that the user can control manually (Person, Shorleit, Dressel - University of Wisconsin-Milwaukee)