

[Kang, Bongsoo](#)

Hannam Univ

[Park, Edward J.](#)

Simon Fraser Univ

16:50-17:10, Paper WeCT1.5

Add to My Program ☐[Design and Shape Control of a Three-Section Continuum Robot](#)[Ouyang, Bo](#)

City Univ. of Hong Kong

[Liu, Yunhui](#)

Chinese Univ. of Hong Kong

[Sun, Dong](#)

City Univ. of Hong Kong

17:10-17:30, Paper WeCT1.6

Add to My Program ☐[Motion Control of Articulated Rigid Bodies Used to Model Deformable Biomaterials](#)[Hu, Ai-Ping](#)

Georgia Tech. Res. Inst

[Harvey, Noah](#)

Georgia Tech. Res. Inst

[Washington, Clarence](#)

Georgia Inst. of Tech

WeCT2 Invited Session, KC Husky Great Hall Room 103Add to My Program ☐[Control Issues in Mechatronic Systems for Medicine](#)Chair: [Patel, Rajnikant V.](#)

The Univ. of Western Ontario

Co-Chair: [Herzig, Nicolas](#)

Ampere UMR CNRS 5005 - INSA Lyon - Univ. De Lyon

Organizer: [Rossa, Carlos](#)

Univ. of Alberta

Organizer: [Tavakoli, Mahdi](#)

Univ. of Alberta

15:30-15:50, Paper WeCT2.1

Add to My Program ☐[Stiffness Control of Pneumatic Actuators to Simulate Human Tissues Behavior on Medical Haptic Simulators \(I\)](#)[Herzig, Nicolas](#)

Ampere UMR CNRS 5005 - INSA Lyon - Univ. De Lyon

[Moreau, Richard](#)

INSA-Lyon

[Lelevé, Arnaud](#)

INSA De Lyon (Inst. National Des Sciences Appliquees), Univ

[Pham, Minh Tu](#)

INSA De Lyon (Inst. National Des Sciences Appliquees)

15:50-16:10, Paper WeCT2.2

Add to My Program ☐[Tendon-Sheath Analysis for Modeling and Control of Steerable Ablation Catheters \(I\)](#)[Khoshnam Tehrani, Mahta](#)

The Univ. of Western Ontario

[Patel, Rajnikant V.](#)

The Univ. of Western Ontario

16:10-16:30, Paper WeCT2.3

Add to My Program ☐[An Integrator-Backstepping Control Approach for Out-Of-Plane Needle Deflection Minimization \(I\)](#)[Waine, Michael](#)

Univ. of Alberta

[Rossa, Carlos](#)

Univ. of Alberta

[Usmani, Nawaid](#)

Cross Cancer Inst

[Sloboda, Ronald](#)

Cross Cancer Inst

[Tavakoli, Mahdi](#)

Univ. of Alberta

16:30-16:50, Paper WeCT2.4

Add to My Program ☐[Partial Estimation of Needle Tip Orientation in Generalized Coordinates in Ultrasound Image-Guided Needle Insertion \(I\)](#)[Fallahi, Bita](#)

Univ. of Alberta

[Rossa, Carlos](#)

Univ. of Alberta

[Sloboda, Ronald](#)

Cross Cancer Inst

[Usmani, Nawaid](#)

Cross Cancer Inst

[Tavakoli, Mahdi](#)

Univ. of Alberta

16:50-17:10, Paper WeCT2.5

Add to My Program ☐[Simple Torso Model for Upper Limb Compensatory Assessment after Stroke](#)[Nordin, Nurdiana](#)

Univ. of Auckland

[Xie, Shane](#)

Univ. of Auckland

[Wuensche, Burkhard](#)

Univ. of Auckland

WeCT3 Regular Session, KC Husky Great Hall Room 105Add to My Program ☐