

**Session Program**

**20-22 Mar 2017**

**3rd PACMAN workshop**

***High-precision Engineering***

CERN, 6/2-024 - BE Auditorium Meyrin

# Tuesday 21 March

08:30

## High-precision Engineering

Session | Location: CERN, 6/2-024 - BE Auditorium Meyrin

08:30-08:55

### Nano-positioning of the main Linac quadrupoles

**Speaker**

Mr David Tshilumba

08:55-09:20

### Mechatronic Design Principles applied to a DC Monochromator to reach 10 nrad Crystal to Crystal Stability.

**Speaker**

Dr Theo Ruijl

09:20-09:45

### A 6DOF microvibration isolation, measurement and generation facility

**Speaker**

Mr Charlie Jarvis

09:45-10:10

### Determining alignment measurements uncertainties for large assemblies using stochastic analysis techniques

**Speaker**

Mr Jordan Doytchinov

10:10-10:40

### Coffee break

10:40-11:05

### Active isolation of an extended structure using a high-resolution optical inertial sensor

**Speaker**

Mrs Jennifer Watchi

11:05-11:30

### What is the best displacement transducer for a seismic sensor?

**Speaker**

Mr Peter Novotny

11:30-11:55

### 2D and 3D sensing for mobile robots

**Speaker**

Dr Max Ruffo

11:55-12:20

### Modal parameters of surfaces for numeric models

**Speaker**

Prof. Serge Samper

12:20