

# 70<sup>th</sup> RAP Seminar

The 70th Seminar on RIKEN Center for Advanced Photonics

Language: Japanese

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## - ONLINE Seminar -

Date: **April 16 (Fri) 16:00 - 17:00, 2021**

Title: **Personal Digital-Twin and Data Science**

パーソナル・デジタルツインとデータサイエンス

Speaker: **Prof. Yoshihiko NAKAMURA**

**Research into Artifacts, Center for Engineering  
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Pre-registration



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Sensor technology including computer vision extends the basic research about the human by motion measurements, motion analysis, biomechanical analysis, motion semiotics, and their data science. We conduct human-motion data science research toward social implementation into sports training, rehabilitation, health monitoring, and so on. Informatics on the human body and motion poses a unique scientific domain, but yet remains unsystematized and not fully developed. This talk will discuss monitoring the change of body functions and skills by accumulating personal body and motion data as the personal digital-twin, and on the horizon of its data science.