

# 理工学研究所

## 国際交流・公開研究セミナー

Morten Kromberg (CXO at Dyalog Ltd.)が来日される機会に、データサイエンスへの様々な応用が考えられる Functional Programming について、Dyalog APL Ltd. の CXO にご講演をお願いしました。是非ご参集ください。

題目 : Pragmatic Functional Programming using Dyalog  
講演者 : Morten Kromberg (Denmark, CXO at Dyalog Ltd.)  
日時 : 2018年 7月 6日(金) 16:20 -17:20  
場所 : 中央大学後楽園キャンパス 3号館 3階 3300号室

### アブストラクト:

APL is a member of the family of languages that are approaching middle age (Ken Iverson's book titled "A Programming Language" was published in 1962). APL was very influential in the 60's and 70's, and widely used to deliver "end user computing" – but although the REPL, dynamic scope and lack of a type system endeared APL to domain experts, it also drew fire from computer scientists, most famously when Edsger Dijkstra declared that "APL is a mistake, carried through to perfection. It is the language of the future for the programming techniques of the past it creates a new generation of coding bums."

Dyalog is a modern, array-first, multi-paradigm programming language, which supports functional, object-oriented and imperative programming based on an APL language kernel. Dyalog allows people with good ideas – from bright high school students to PhDs – to contribute directly to the software development process using a notation which fits comfortably with those used in their own domains. Subject matter experts can write prototypes or, with suitable training and/or support, highly efficient, parallel and robust code that can be embedded in high-performance production applications.

講演終了後、懇談会を予定しております。

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