

# 第106回知的コミュニティ基盤研究センター 研究談話会

## “Strategies for Model Oriented Information Organization



In previous work I have proposed a model-oriented approach to information organization. Specifically, I have emphasized models that incorporate behavior and process descriptions and have suggested that they could be applied for descriptions of both scientific research reports and historical community models. In this talk I will consider three types of technical issues for possible implementations. First, I will examine object-oriented programming as an approach for information organization and description. In particular, I will examine the potential of using object-oriented languages such as Self and Slate. Second, I will discuss the possibility of using standardized frames for representation. Specifically, for historical community models I will discuss applying linguistic frames. Third, I consider the integration of higher-level knowledge and conceptual frameworks into the entity-event fabric.



**Dr. Robert B. Allen**

筑波大学

知的コミュニティ基盤研究センター  
外国人客員研究員

日時:2013年12月17日(火) 14:00~15:00

場所:筑波大学 筑波キャンパス春日エリア

情報メディアユニオン3階

共同研究会議室1

言語:英語

参加費:無料, 参加申込不要

筑波大学知的コミュニティ基盤研究センター

学生, 教員, 一般, 学内外を問わずどなたでもご自由に参加ください。

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**The 106th RCKC Colloquium**  
Research Center for Knowledge Communities at  
University of Tsukuba  
presents

**“Strategies for Model Oriented  
Information Organization**



In previous work I have proposed a model-oriented approach to information organization. Specifically, I have emphasized models that incorporate behavior and process descriptions and have suggested that they could be applied for descriptions of both scientific research reports and historical community models. In this talk I will consider three types of technical issues for possible implementations. First, I will examine object-oriented programming as an approach for information organization and description. In particular, I will examine the potential of using object-oriented languages such as Self and Slate. Second, I will discuss the possibility of using standardized frames for representation. Specifically, for historical community models I will discuss applying linguistic frames. Third, I consider the integration of higher-level knowledge and conceptual frameworks into the entity-event fabric.



**Dr. Robert B. Allen**  
Visiting Scholar  
Research Center for Knowledge  
Communities  
University of Tsukuba

**December 17, 2013 (Tues.)**

**2:00 - 3:00 pm**

Meeting room for Joint Research 1 on the 3rd floor  
of ULIS bldg. in Kasuga Area

**The seminar will be presented in English.**

**There is no charge to participate and  
no reservation is needed.**

**Research Center for Knowledge Communities, University of Tsukuba**

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