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Prof. Akinori Yonezawa at the Department of Information Science Received Dahl-Nygaard Prize on July 21

Prof. Akinori Yonezawa has won the Dahl-Nygaard Prize, the world ' s most prestigious prize in the field of object-orientation.

AITO (Association Internationale pour les Technologies Objets) has awarded the Dahl-Nygaard Prize to Prof. Akinori Yonezawa, a professor of the Department of Computer Science, and the Department of Information Science, Faculty of Science, and also the director of Information Technology Center, The University of Tokyo. The Prize was presented to Prof. Yonezawa at ECOOP (European Conference on Object-Oriented Programming) 2008 which was held from July 7 through 11 in Cyprus.

The Dahl-Nygaard Prize, the world ' s most authoritative prize in the field of object-orientation, was established in 2004 by AITO and is awarded annually to individuals who have made significant contributions to the field of Object-Orientation. Prof. Yonezawa is the 4th recipient of the Prize and the first-time winner of the Prize from Asia as well as from Japan.

Object-Orientation is currently the world ' s most widely-used techniques in software development. Almost all the present software have been designed and made by using the programming languages based on the object-orientation, and especially large scale

研究者情報

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online simulation games in world-wide use are designed and implemented based on the notion of concurrent objects which was proposed by Prof. Yonezawa in mid 70 ' s.

To be more precise, Prof. Yonezawa ' s pioneering contributions are as follows;

- Theoretical foundation of concurrent objects
- Designing of the concurrent object-oriented language ABCL
- Implementation and application on massively parallel computers
- Introducing reflective architectures
- Research on mobile objects, etc.

The technology of concurrent objects developed by Prof. Yonezawa and his team is actually used to construct the system of ' Second Life ' at Linden Lab that has several million users worldwide.

This award shows that the achievements of Prof. Yonezawa ' s theoretical and practical research on object-orientation over the years have been highly regarded around the world.



--東京大学大学院理学系研究科・理学部 広報室--

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