

# SEPPYO

Journal of the Japanese Society of Snow and Ice

## Photo Studio of Snow and Ice

An indoor ping-pong ball avalanche experiment in Tateyama caldera sabo museum

*Hajime IIDA, Kotaro FUKUI and Yasuaki Noguchi*

i

## Foreword

*Masayoshi NAKAWO*

## Original Articles

Morphology of artificial snow crystals from  $-4^{\circ}\text{C}$  to  $-40^{\circ}\text{C}$  using a convection chamber with the "FINEDEW" chilled mirror hygrometer

*Akio MURAI, Takao KAMEDA, Shuhei TAKAHASHI and Yukiya MINAMI*

3

Dependence of tensile fracture strength of high-density wet snow on density and liquid-water content

*Yasushi KURIHARA, Katsuhisa KAWASHIMA and Kaoru IZUMI*

23

## Research Note

Verification experiments of Mpemba effect

*Norikazu MAENO, Shuhei TAKAHASHI, Atsushi SATO, Yasuhiro KOMINAMI,*

*Hiroyuki KONISHI and Satoshi OMIYA*

33

## Report of Conference

47

## Record of Research

49

## Abroad

62

## Book Review

67

## Reports from the Branch

68

## Community News

72

## Awards

75

## Reports of the 2011 JSSI conference

94

## JSSI Announcements

109

## Conference Schedule

114

## Constitution and Bylaws

## Author's Guide

*Published by the Japanese Society of Snow and Ice*

*Kagaku-kaikan (Chemistry Hall) 3F, Kanda Surugadai 1-5, Chiyoda-ku, Tokyo 101-0062, Japan*

## Notice about photocopying

In order to photocopy any work from this publication, you or your organization must obtain permission from the following organization which has been delegated for copyright clearance by the copyright owner of this publication.

Except in the USA

Japan Academic Association for Copyright Clearance,

(JAACC) 6-41 Akasaka 9-chome, Minato-ku, Tokyo

107-0052 Japan

TEL: 81-3-3475-5618 FAX: 81-3-3475-5619

E-mail: info@jaacc.jp

In the USA

Copyright Clearance Center, Inc.

222 Rosewood Drive, Danvers, MA 01923 USA

Phone : 1-978-750-8400 FAX : 1-978-646-8600