

FORTHCOMING ARTICLES

The following is a list of articles scheduled for forthcoming issues of *Reviews of Modern Physics*.

Vortices on curved surfaces

Ari M. Turner
Vincenzo Vitelli
David R. Nelson

Baryon spectroscopy

Eberhard Klempt
Jean-Marc Richard

Quantum interface between light and atomic ensembles

Klemens Hammerer
Anders S. Sørensen
Eugene S. Polzik

Feshbach resonances in ultracold gases

Cheng Chin
Rudolf Grimm
Paul Julienne
Eite Tiesinga

Introduction to quantum noise, measurement, and amplification

A. A. Clerk
M. H. Devoret
S. M. Girvin
Florian Marquardt
R. J. Schoelkopf

***Colloquium:* Failure of molecules, bones, and the Earth itself**

Markus J. Buehler
Sinan Keten

Nonperturbative QCD simulations with 2+1 flavors of improved staggered quarks

A. Bazavov
D. Toussaint
C. Bernard
J. Laiho
C. DeTar
L. Levkova
M. B. Oktay
Steven Gottlieb
U. M. Heller
J. E. Hetrick
P. B. Mackenzie
R. Sugar
R. S. Van de Water

***Colloquium:* Quantum networks with trapped ions**

L.-M. Duan
C. Monroe

Track and vertex reconstruction: From classical to adaptive methods

Are Strandlie
Rudolf Frühwirth

First-principles theory of dilute magnetic semiconductors

K. Sato
L. Bergqvist
J. Kudrnovský
P. H. Dederichs
O. Eriksson
I. Turek
B. Sanyal
G. Bouzerar
H. Katayama-Yoshida
V. A. Dinh
T. Fukushima
H. Kizaki
R. Zeller

Anomalous Hall effect

Naoto Nagaosa
Jairo Sinova
Shigeki Onoda
A. H. MacDonald
N. P. Ong

Long range interactions in nanoscale science

Roger H. French
V. Adrian Parsegian
Rudolf Podgornik
Rick F. Rajter
Anand Jagota
Jian Luo
Dilip Asthagiri
Manoj K. Chaudhury
Yet-ming Chiang
Steve Granick
Sergei Kalinin
Mehran Kardar
Roland Kjellander
David C. Langreth
Jennifer Lewis
Steve Lustig
David Wesolowski
John S. Wettlaufer
Wai-Yim Ching
Mike Finnis
Frank Houlihan
O. Anatole von Lilienfeld
Carel Jan van Oss
Thomas Zemb

Exciton-polariton Bose-Einstein condensation

Hui Deng
Hartmut Haug
Yoshihisa Yamamoto

***Colloquium:* Looking at a soliton through the prism of optical supercontinuum**

Dmitry V. Skryabin
Andrey V. Gorbach

Genetic demixing and evolution in linear stepping stone models

K. S. Korolev
Mikkel Avlund
Oskar Hallatschek
David R. Nelson

The physical and chemical properties of heteronanotubes

Paola Ayala
Raul Arenal
Annick Loiseau
Angel Rubio
Thomas Pichler

Laser-driven nonlinear cluster dynamics

Th. Fennel
K.-H. Meiwes-Broer
J. Tiggesbäumker
P.-G. Reinhard
P. M. Dinh
E. Suraud

***Colloquium:* Identifying the propagating charge modes in doped Mott insulators**

Philip Phillips

***Colloquium:* Transport in strongly correlated two dimensional electron fluids**

B. Spivak
S. V. Kravchenko
S. A. Kivelson
X. P. A. Gao