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2008

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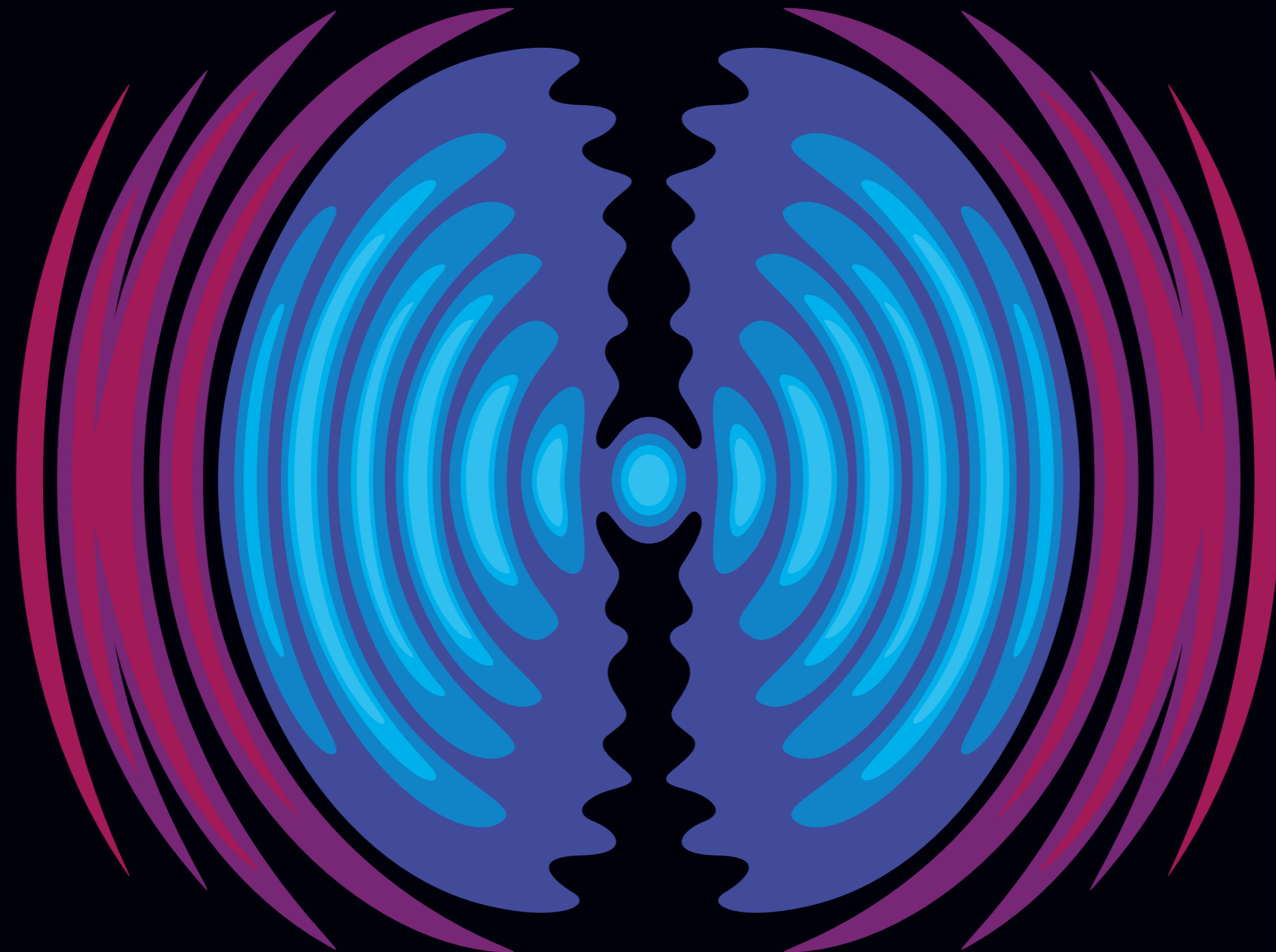
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The Institute of Physics (IOP) is an international learned and professional society that supports every aspect of the physical sciences and the people who work in them. Science is our passion – a passion that we share every day, in print and online, with the scientific community around the world.

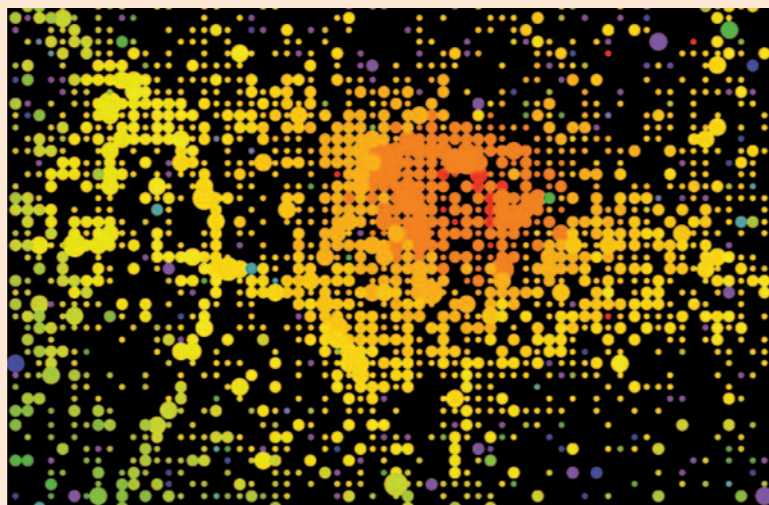
Working in partnership

IOP Publishing is a critical component of IOP, providing the print and online publications through which leading-edge scientific research is disseminated. We realize that we can't do this alone, however, and are proud to collaborate with partners such as the International Atomic Energy Agency, the US Department of Energy and CERN, allowing us to publish some of the most important scientific research being carried out today.

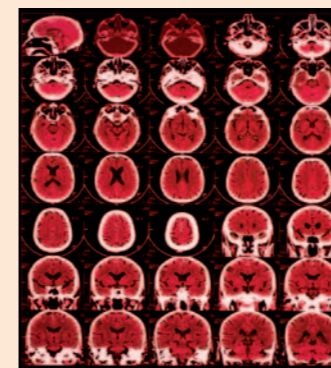
In fact, partnership is very much a defining theme at IOP. We work with the American Astronomical Society, Turpion-Moscow and the Chinese Academy of Sciences to showcase their journals to a wider international audience, and organizations such as the International Network for the Availability of Scientific Publications and Electronic Information for Libraries to make research available in developing countries.

Each year we are dedicated to working with new partners and are constantly forging new relationships with other like-minded international organizations.

Likewise, our close relationships with information professionals in the library community are a catalyst for product innovation. More specifically, these links enable us to develop new ways of delivering content to keep pace with the changing needs of our users in academia and industry.



A simulated charged current interaction in the Super-Kamiokande detector. Takaaki Kajita 2006 *Reports on Progress in Physics* **69** 1607–1635.



Magnetic resonance scan of brain and cranium.

What you need, when you need it

Editorially, our scope is broad. It begins with fundamental and applied research in the core disciplines of physics. This emphasis is constantly evolving to embrace fast-moving multidisciplinary endeavours including computer science, physics in medicine and biology, nanotechnology and environmental science.

Beyond our traditional journals programme, we aim to make high-value scientific information as readily accessible

as possible via a growing portfolio of community websites, business-to-business magazines, conferences and a multitude of related digital services. From customizable e-alerts to RSS feeds, we are continually improving our electronic interfaces to make it easier for researchers to find exactly what they need, when they need it and in the format that suits them.

Scientific publishing is not all that we do. IOP advises government and the private sector to help secure the future for physics and related disciplines. IOP supports teachers and students in the physical sciences, just as we do physicists in all sectors of industry. IOP also raises public awareness of the importance and relevance of physics in our everyday lives. At the same time, our publishing activities contribute directly to IOP's core charitable activities in promoting physics and physics education.

In these ways and more, IOP is an essential partner to the science community. Simply put, we are more than a physics publisher.

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Cover illustration: Snapshot of photoelectron density around a hydrogen ion A N Grum-Grzhimailo, A D Kondorskiy and K Bartschat 2006 *Journal of Physics B: Atomic Molecular and Optical Physics* **39** 4659–4671. Artistic interpretation by Frédérique Swist.

Tell the world about your work

Getting published and telling the world about your research should be straightforward. With IOP as your publishing partner, it is.

We offer a range of value-added services to support you through the publication process. Our core values – responsiveness and customer service – ensure that you get your work in front of the scientific community as quickly as possible.

The numbers tell their own story. With more than 10 million downloads in over 180 countries from our journal pages, IOP is your guaranteed route to a truly global audience.

Submitting your paper

Efficiency, security and peace of mind: IOP's web-based submission service offers all of this and more via a single log-in process. Whether you want to make revisions, check proofs or correspond with the journals publishing team, your personal author homepage provides the interface for every step of the publishing process, keeping everything that you need in one place. Our PDF build facility means that all you need to do is submit and approve your manuscript to start the peer-review process immediately.

For peace of mind, you can track the progress of your manuscript from the moment you submit your article, through the peer-review process, to decision and publication. And because your author homepage is secure, you can be assured that your research, and all of the communication associated with it, remains totally confidential.

The review process

Using the right referee is a crucial part of the peer-review process. With IOP as your partner, you can rest assured that referee selection is a core competency among our staff editors and publishers. To guarantee the quality of the work published in IOP journals, each referee is carefully selected for their expertise in a given field.

It's a win-win scenario: the constructive reports provided by referees help you, the authors, to enhance the readability, accessibility and, ultimately, the all-round impact of your original submissions. As you'd expect, we maintain comprehensive records for all of our referees to ensure consistently high standards for peer review across all of our journals.

Faster publication

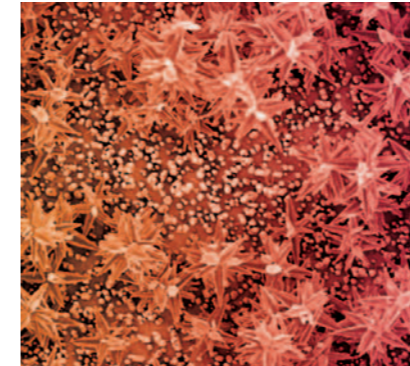
We pride ourselves on our rapid publication times. Online submission procedures have more than halved our submit-to-publication cycle in the past six years. It's also worth noting that most journal papers are made available on the web in advance of the print version, helping you to put your work in front of the community even sooner.

Greater impact for your research

The 2006 impact factors published by Thomson Scientific confirm that authors who publish their work with IOP are now being cited more than ever before. The results show that researchers who choose to publish with IOP journals are making a significant contribution to the development of knowledge in their field, as indicated by the number of times their work is cited by their peers. A complete list of Impact Factors is given on page 19.



"I think you have an outstanding, prompt service that is clear and easy to use. By far the most efficient and user friendly online author service I have so far encountered." **Victoria Coleman, Electronic Materials Engineering, the Australian National University**



SEM view of ZnO nanorods and nanoflowers on GaN-based LED epilayer **H Gao et al 2007 Journal of Physics D: Applied Physics 40 3654–3659.**

→ DID YOU KNOW?

Journal homepages feature more than the latest cutting-edge articles from our journals. Each homepage has tailored content to serve the journals community. Some of the great services* that you may not yet have seen include:

- digital archive for every journal (in most cases back to volume 1);
- customizable RSS feeds and e-alerts;
- regular free content;
- conference listings;
- theses repository;
- annual highlights – selected by our editors;
- subject forums;
- extensive supplementary data, including full colour, simulations, datasets and multimedia;
- published software archive;
- the latest news;
- book reviews;
- interviews with authors;
- lists of board members;
- full details about submitting your work;
- pricing and ordering information.

* Each community is different, so each journal may have a different selection of content.



"This is the best service I have received from any publisher!"
Mark England, North Dakota State University, USA

→ MEET OUR AUTHORS

You can learn more about our authors by reading the interviews in our "60 seconds with..." feature at journals.iop.org. Some of the authors who have already been featured are pictured below. You can still read their interviews online.



Dr. Kylie Catchpole
University of New South Wales, Australia



Professor Masao Washizu
The University of Tokyo, Japan



Dr. Yuejian Wang
Texas Christian University, USA



Dr. Georg Ehlers
Oak Ridge National Laboratory, USA



Professor Yuanan Diao
University of North Carolina at Charlotte, USA



Professor Frank E. Fish
West Chester University, USA



Dr. Hajime Ishihara
Osaka Prefecture University, Japan



Professor Masayoshi Esashi
Tohoku University, Japan

Peer review and readership

If science publishing is about anything, it's about having your research results seen by as wide an audience as possible. Today, that means much more than putting your work in front of your peers within the scientific community. Increasingly, it's about meaningful exposure with decision makers in industry and government as well. By publishing with IOP your research will be read by the people who matter most. And not just today but tomorrow too – secured in the archives of scientific history for the benefit of generations to come.

The peer-review network

Solid science is built on uncompromising standards. Peer review exists to safeguard the quality and protect the reputation of your research among your colleagues and the wider scientific community. Our peer-review network comprises thousands of expert referees from around the world. The work that they do is an invaluable part of the publishing process.

One thing is certain: acceptance and publication via the peer-review process gives your work the professional seal of approval. It's your guarantee – and your readers' – of the highest scientific standards.

Equally, peer review is an important asset when it comes to your own research, especially when you're trying to keep up with the latest developments in your field. You need to be sure that what you read is trustworthy, so we employ rigorous standards for our peer review, with most papers reviewed by at least two referees. The work of our referees is closely monitored by journal editorial boards made up of the finest scientists in their respective fields, as well as the dedicated publishing teams who support our journals.



"Publishing in *Journal of Physics A: Mathematical and Theoretical* is a pleasure. Starting from the quality of referee to the speed of processing, it is simply brilliant." Dr. Saugata Ghosh, Abdus Salam International Centre for Theoretical Physics, Trieste, Italy



Dr. Zoe Barber Dr. Yudi Darna Dr. Alex Argyros



Professor Ekmele Ozbay Dr. Ross Berbeco Professor Norbert Hounkonnou

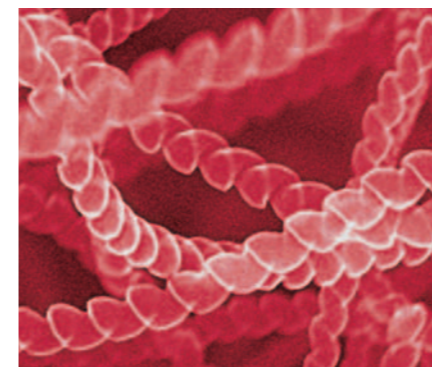


Dr. Geoff Spinks Dr. Jiangang Li Dr. Amanda Ellis



Dr. Jennifer Decker

Images: Just some of the hard-working referees who provide an invaluable service to the community through their peer-review work.



An SEM image of carbon nanocoils synthesized on copper micro-tips at 600 °C WY Sung *et al* 2007 *Nanotechnology* **18** 245603.

Getting read by your peers

We make it our priority to get your work widely noticed and read by your peers. We work with organizations like the International Network for the Availability of Scientific Publications and Electronic Information for Libraries to make sure that our content is always free, or available at a very low cost, to developing countries. Where content is available by subscription, measures are in place to ensure that pricing reflects quality and quantity as well as the work involved in managing the peer-review process.

A broader engagement

A large proportion of our content is available freely at any one time. This helps to ensure that your work is read even more widely. Initiatives such as This Month's Papers and IOP Select are just some of the ways we help your work to connect with the broader community. This Month's Papers is a service that enables you to read papers published in IOP journals for free for 30 days from the date of online publication. IOP Select is a special collection of papers, chosen by our editorial boards, made freely available for up to a year.



"Your procedures are very orderly, streamlined and easy to work with – your service is great." Assistant Professor Santiago Solares, University of Maryland, USA

Open access

There are also three open-access journals available as an alternative to the traditional publishing model. These are *New Journal of Physics*, which has been publishing original research articles in all areas of physics since 1998 and has seen tremendous growth in submissions, readership and citations; *Journal of Physics: Conference Series* and *Environmental Research Letters*. Each offers free-to-read content to a wide audience.



We do all of this and more to give your research the greatest possible impact and visibility across the scientific community. These efforts are reflected in the outstanding performance, year on year, of our journal impact factors. See page 19 for a complete list of 2006 impact factors.

→ DID YOU KNOW?

IOP services are used by more than 4000 institutions worldwide (in the academic, government research and private sectors) and by millions of users the world over. *physicsworld.com* alone has more than 250 000 unique visitors a month and articles published in IOP journals were downloaded more than 10 million times.

Online communities

As a learned society publisher, giving back to the community is more than an aspiration, it is our mission.

Community websites provide a meeting point for industry professionals to exchange ideas and information with their academic counterparts and, as such, they are designed to promote communication and networking among scientific communities.

The websites are completely free to use, and the content is current, relevant and informative. While there is some peer-reviewed content available only by subscription, the majority of the content is free. This includes editorial, industry news and analysis.

These sites are not intended to take the place of journals' content, but they do offer an alternative to end-users. As such, they provide librarians with a resource to offer to users who need more information about a specific subject area, but don't necessarily need a journal subscription to fulfil those needs.

In the current environment of budget cuts and price increases, community websites offer an important alternative to librarians, helping to provide information to users. They also help us to fulfil our common objective: disseminating information to a wider audience, and building links with our communities.

For more information, please see www.iop.org/communitywebsites.




environmentalresearchweb is a new open-access website for environmental researchers and industry specialists, providing an arena for interactive news and analysis, commentaries, opinion pieces, resource links and event listings covering topics across the whole of environmental research.



medicalphysicsweb is a new community website that provides a unique mix of in-depth news, analysis, opinion and primary research papers across the key disciplines of medical physics.



nanotechweb.org is a leading community website for nanotechnology professionals. It provides original news, an interactive events calendar, product information, jobs and a free weekly NewsAlert highlighting key research worldwide.



compoundsemiconductor.net is an essential online resource for the compound semiconductor community. It provides daily news coverage, free weekly NewsAlerts, job vacancies and exclusive articles from *Compound Semiconductor* magazine.



optics.org is the leading online resource for the global photonics community. It provides exclusive daily news reports and in-depth analysis of the optics industry, in combination with dedicated research, product and job sections.



physicsworld.com is the essential resource for the worldwide physics community, with breaking news, the best physics and engineering jobs, product information and events calendar.

Web services designed for you

Your research needs are developing, and so are our online resources. As well as extending our popular range of online tools, we are actively embracing innovative and emerging technologies in order to enhance your user experience across our web services. Ultimately we want to help you get to content that's relevant to you, fast.



IOPscience

IOPscience: A new electronic experience

A unique web platform for journal content published by IOP. It contains more than 250 000 articles, from 1874 to the present. It has been designed to give you easy access to scientific, technical and medical content. All content has been organized into more than 6000 subject classifications using PACS and MSC codes in physics, astronomy and mathematics, so you will easily discover scientific research that matches your specific interests. You can interact with these subject classifications in a multitude of ways throughout IOPscience, and for every article in which you have an interest, you will be able to find other articles in the same area.



82.20.Bc 02.30.Lt 02.4
Nn 73.63.Fg 28.52.Fv 14.6
.Wz 02.30.Hq
11.30.Pb 52.35.Bj 11
06.30.Dr 04.20.Ha 11
a 06.20.Dk 34.20.G

Article Links
 • Post to del.icio.us
 • Post to Furl
 • Post to CiteUlike
 • Post to Connotea
 • Post to Bibsonomy

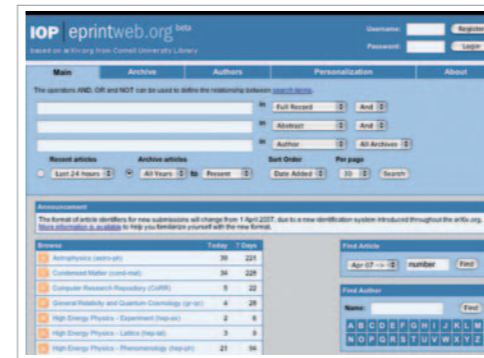
IOPscience also contains the following key features:

- By using IOPscience's exclusive **personalization** features, your homepage is now your homepage. This is because we use the subject information you provide when you register to show the latest articles that will be of interest to you.
- **RSS feeds** may be programmed for a specific search area to keep you up-to-date with new content as it is added.
- Emerging technologies such as **tag clouds** have been incorporated to display content.
- **Social bookmarking** is now available from article abstract pages to services like connotea.org and del.icio.us

User feedback, suggestions and ideas have all played an integral role in designing the service and continue to help us shape the future. The IOPscience platform will be developing constantly. We have many exciting plans for the immediate, short- and long-term future of the service. Visit iopscience.org to find out more, or to request a free institutional trial.



"IOPscience is great, in simple words it is very efficient and very user friendly." **Mohamed Bourham, North Carolina State University, USA**



Easier e-prints

eprintweb.org is a free e-print service developed in cooperation with the arXiv.org advisory committee and Cornell University Library. It offers additional choice for users by simplifying the search for scientific research.

Similar to arXiv.org, eprintweb.org is updated daily and will always be completely free. It focuses on improving your experience as a user through improved design, navigation, searching and personalization. Visit eprintweb.org.

→ MORE TOOLS TO HELP YOUR WORK

There is not enough room here to tell you about all of our online tools to assist your research. Here is a list of just a few of the additional tools and features that you may find useful:

- some of the best science news on the web;
- three open-access journals (see page 7);
- buyer's guides for industry on our community websites (see page 21 for a list of useful web addresses);
- latest industry and academic vacancies;
- personalized job alerts on *physicsworld.com*;
- discussion forums about science topics;
- theses repositories;
- multimedia repositories;
- specialist conference listings;
- published software archive;
- articles free for 30 days from publication for most journals;
- free librarian newsletter (*Librarian Insider*, see page 15);
- full event organization service for members;
- teacher and student resources.

→ DID YOU KNOW?

Across our electronic journal content it is possible to link to nearly every original article cited in a paper's reference list. You can navigate through articles quickly and easily using the references and citing articles links on our abstract pages.

Find yourself in science history

Publishing with IOP puts you in some very illustrious company. The IOP Journal Archive (1874–1997) contains more than 157 000 articles from many of the best-known names in physics and is available back to the first issue of the Proceedings of the Physical Society of London in 1874.

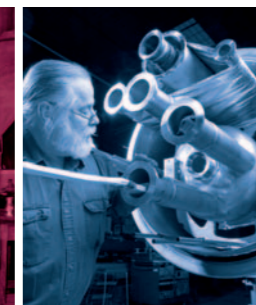


The complete *Physics World* Archive, which contains more than 8000 articles, was released in 2005 and is available from the first issue in 1998.

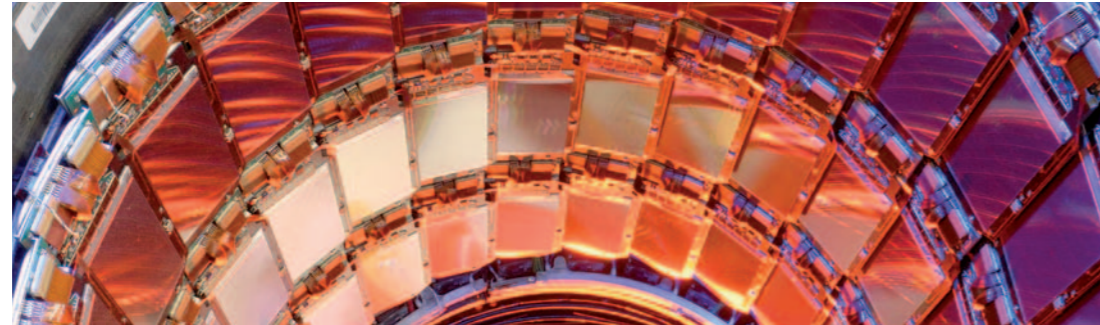
These combined archives chart some of the most important developments in the history of physics and both are fully searchable. Become part of the history of science.



Dr Donald Glaser with a xenon bubble chamber, taken in Bevatron, 7 April 1960, courtesy of Lawrence Berkeley National Laboratory.



Bill Mumper of Fermilab's Test and Instrumentation Department with an LHC Magnet, courtesy of Fermilab Visual Media Services.



Physics at the heart of innovation

Whether you're talking about leading-edge science, technology transfer or new product innovation, the commercialization of physics has never been more competitive. That's why productive, two-way links between the academic community and core research-based industries are no longer an option – they're essential.

As a leading international scientific publisher, it's our mission to make sure that these links are made. Call it a collective conversation that brings together scientists, engineers and industrial management across disciplines as diverse as III-V semiconductors, nanotechnology, medical diagnostics and therapeutics.

A large proportion of our members, readers, authors and subscribers are employed outside the traditional academic environment. That's why we tailor many of our print and online portfolios to ensure high-value engagement between industry and academia.



Last moments in Utrecht of the silicon strip detector of the inner tracking system of the ALICE detector, just before it is finished and shipped to CERN. Source: Nikhef/Durk Gardenier, CERN and Lawrence Berkeley Laboratory.

Image top: Progress with the CMS Tracker. Courtesy of CERN.

Journal content packaged for industry

Imagine what you could do with access to more than 250 000 research articles from the world's leading research institutes. IOP offers a specially tailored electronic-only package that gives users in industry access to the whole of our journals collection. This package gives you access to unlimited downloads of today's breaking research – and, more importantly, a window on tomorrow's high-growth technologies and commercial applications.

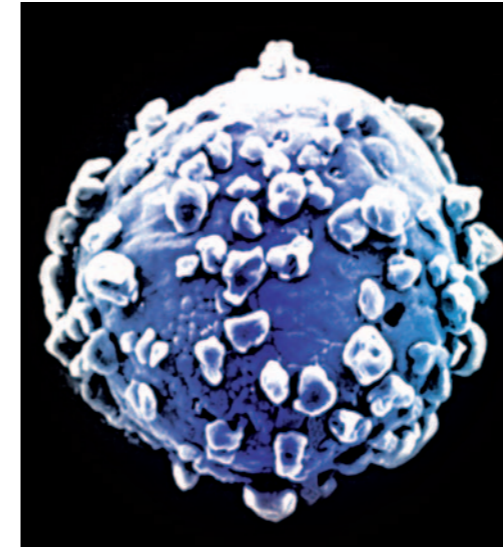
The number one information source for industry

From fundamental research to commercial utilization, our market-leading websites and magazines deliver high-value editorial coverage to make your job easier. That means:

- expert commentary from senior figures in industry and academia;
- detailed analysis and incisive opinion on all of the latest R&D, emerging technologies and commercial applications;
- accessible technology coverage in a commercial context;
- in-depth interviews with foremost authorities.

Our industry websites promote innovation, technology transfer and business development to an international audience on a 24/7 basis. The aim is simple: to provide must-read editorial coverage in a medium that encourages truly networked and interactive online communities.

The collective conversation extends beyond the web to a family of international business-to-business technology magazines. One of our flagship products, *Optics & Laser Europe*, has been established as Europe's leading photonics magazine for more than a decade.



Scanning electron microscope image of a developer particle used in the xerographic process **M A S Quintanilla, J M Valverde and A Castellanos** 2006 *Journal of Statistical Mechanics: Theory and Experiment* P07015.

The right market-place, the right message, the right medium

Online and in print, we have a compelling message to offer our advertisers: access to responsive and targeted audiences of active equipment purchasers; association with high-quality editorial coverage relevant to industry; and a team of expert science and technology journalists.

At the same time we offer equipment makers a "one-stop shop" for all of their marketing campaigns – strategic, product-specific and recruitment. Whether print or online, big budget or small, our websites and magazines can come up with a package that helps your company get it where it wants to be: more customers, increased revenues and long-term growth.



"Having unlimited access to IOP content has generated a very positive response from our researchers, who have found it to be a valuable resource. They especially enjoy the convenience of desktop access." **Jane Mynott, Information and Library Service, BAE Systems, UK**



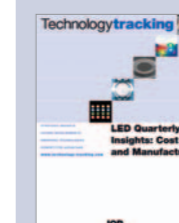
optics.org

Our longest-established community website, *optics.org*, provides unique opportunities for readers and advertisers to engage with the global optics and photonics community. The site provides daily news and analysis, with R&D and business-related features, new products, companies, jobs and much more. Over 43 000 people have so far signed-up as registered users to receive the *optics.org* weekly newswire.



Optics & Laser Europe

Firmly established as the leading monthly European photonics magazine, *Optics & Laser Europe* provides its reader with news, analysis, R&D, features, product guides and extensive show reviews. Free subscriptions are available to qualifying individuals.



Technology Tracking

Technology Tracking is a unique programme of special reports that provides strategic insights into emerging technologies, and brings together in-depth analysis of the latest technical advances and their commercial applications. For more information please visit www.technology-tracking.com.

Partnering with the library community



Libraries remain at the centre of scientific endeavour – from small colleges to sprawling universities, start-up firms to international corporations. The library is one of the fundamental reference points for all of the hard data on which researchers, technologists and development engineers base their decision making. What's more, as a trained information professional, the librarian is often the principal contact when it comes to ensuring that relevant research is available when and where it is needed in academia and industry.

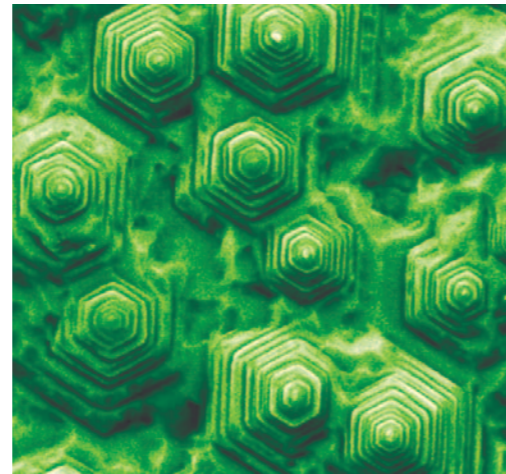
Librarians as advisers

IOP is proud to have a close working relationship with thousands of librarians from around the world. The feedback and advice of librarians about everything from bundling through pricing to delivery methods has been critical in shaping the way we provide our content to the scientific community. Whether it's during a site visit, a focus group, an industry exhibition or a simple e-mail exchange, the feedback that we receive from our library contacts is invaluable.

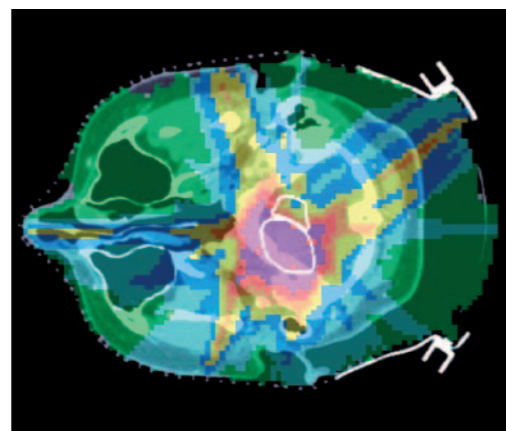
Librarians as partners

The American Library Association (ALA) describes its mission as follows: "To promote the highest-quality library and information services and public access to information." IOP takes an active role in organizations such as the ALA, as well as the Special Libraries Association, the Association of Research Libraries (ARL) and the UK Serials Group.

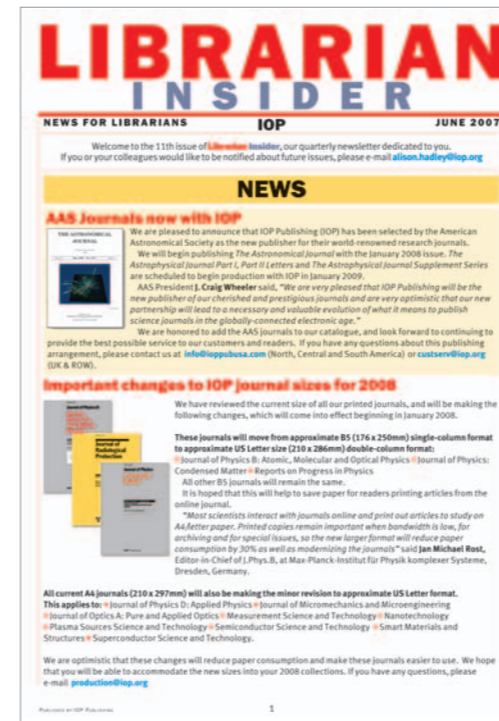
That's because we share the same commitment to the dissemination of high-value information. Our membership of these important library groups enables us to work with our partners towards achieving mutual goals. As well as sponsoring receptions, events and presentations, we offer our expertise to relevant industry panels and conferences.



SEM image of AlGaIn epilayer **X L Wang et al** 2007 *Journal of Physics: Condensed Matter* **19** 176005.



Dose-volume objectives in multi-criteria optimization **T Halabi, D Craft and T Bortfeld** 2006 *Physics in Medicine & Biology* **51** 3809–3818.



Librarian Insider is our quarterly newsletter for the library community. You can sign up to receive your own copy at librarian.iop.org.

Librarians as intermediaries

The librarian plays a central role as a facilitator when information needs to be shared with scientists and researchers. There are a number of services available from IOP that support the librarian in this role. Free RSS feeds and e-mail alerts enable librarians to encourage their patrons to customize usage. Through effective cataloguing and online collection lists and databases, librarians are able to provide their users with seamless access to millions of pages of content. Publicizing important papers and novel discoveries on their websites further enhances the progress of science.

Librarians as colleagues

We appreciate the many conflicting demands on the librarian's time and provide services that make the working life of the library a little easier. We have a dedicated website focused on the needs of librarians (librarian.iop.org). Here, users can request usage statistics, add their logo to brand the IOP Electronic Journals pages, check on IP details and view other pertinent information.

We also produce a quarterly newsletter, *Librarian Insider*, which provides timely and relevant information to librarians. We offer posters and other giveaways designed to help librarians to promote the content that they provide to their users.

In all of these ways and more, IOP's commitment to libraries and librarians worldwide is an accomplishment that we're proud of and an ongoing priority.

→ DID YOU KNOW?

You can learn more about your library colleagues by reading the interviews in the "60 seconds with..." feature at journals.iop.org. Some of your colleagues who have already been featured are pictured below. You can still read their interviews online.



Ari Muhonen
University of
Technology Library,
Finland



Katerina Vrtalkova
Charles University
in Prague,
Czech Republic



Eileen Rahulan
University of Salford,
UK



Janet Pease
Syracuse University,
USA



Joe Kraus
University of Denver,
USA



Just de Leeuwe
Delft University of
Technology,
The Netherlands



Huihré Lombard
University of the Free
State, South Africa



Pavlinka Kovatcheva
University of
Johannesburg,
South Africa



**Dr. Sylvia
Van Peteghem**
Universiteit Gent,
Belgium

Building global partnerships

We're scientists ourselves. That's why the publishing team at IOP understands the importance of collaboration. It is in this spirit that we work closely with a wide range of international partners, constantly seeking to forge new alliances that will further research, education and professional development in physics and its related disciplines.



"IOP will be a great partner for the publication of the AAS journals. I look forward to working with IOP to truly enhance the usability and value of our journals to the research community. It should be easier to access and use the data that our authors present in our journals. IOP will work with us to expand the functionality of the journals while maintaining their high quality."

Kevin Marvel,
AAS Executive Officer



"We are very pleased that IOP Publishing is a partner of Turpion Ltd to distribute and market the best journals of the Russian Academy of Sciences in physics, mathematics and chemistry. This partnership leads to valuable visibility of the Russian critical research in the globally-connected electronic age."

Lev Malov, General Manager
of Turpion-Moscow Ltd

Partner publishing with IOP

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John R Clem, distinguished professor of physics
(Emeritus), Iowa State University

IOP's publishing partners

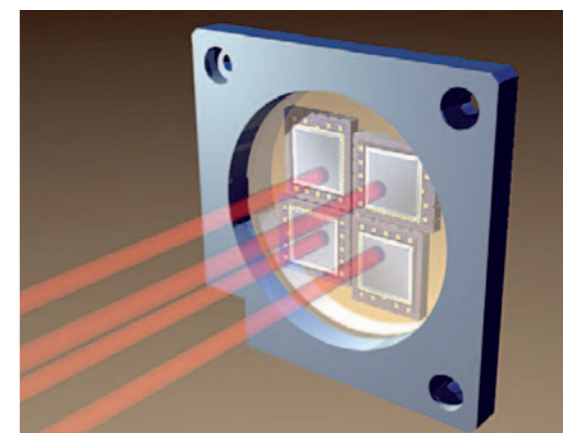
- American Astronomical Society
- Bureau International des Poids et Mesures
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- Chinese Institute of Plasma Physics
- Chinese Physical Society
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Photograph of the 1kg silicon sphere set in the vacuum mass comparator **S Mizushima, M Ueki and K Fujii** *Metrologia* 41 S68–S74.



Tuneable RF-MEMS capacitor (courtesy of Philips). **M G D Geers, W A M Brekelmans and C J Bayley** 2007 *Modelling and Simulation in Materials Science and Engineering* 15 S133–S145.



Impression of device to measure the positions of the four laser beams of the interferometer in the SPM of NMI Van Swinderen Laboratorium **K R Koops et al** 2007 *Measurement Science and Technology* 18 390–394.

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- Physical Society of Hong Kong
- Eötvös Roland Physical Society
- Indian Physics Association
- Israel Physical Society
- Italian Physical Society
- Physical Society of Japan
- Japan Society for Applied Physics
- Korean Physical Society
- Lithuanian Physical Society
- Malaysian Institute of Physics
- New Zealand Institute of Physics
- Norwegian Physical Society
- Pakistan Society for Semiconductor Science & Technology
- Polish Physical Society
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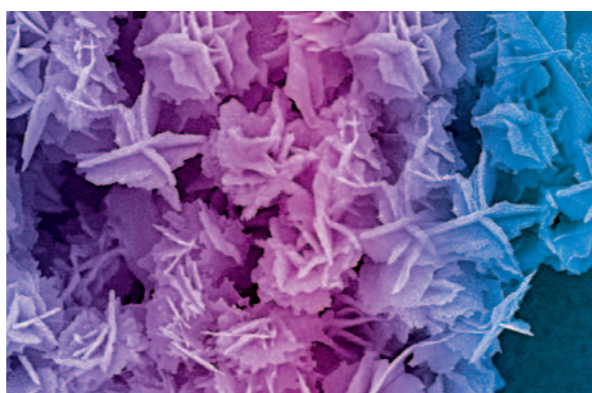
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FESEM images of the evolution of CuGaS₂ nanoparticles at 220 °C Qiang-chun Liu et al 2006 *Chinese Journal of Chemical Physics* 19 335–340.


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2006 Impact Factors

The Astronomical Journal	4.854	Measurement Science and Technology	1.228
Chinese Journal of Chemical Physics	0.437	Metrologia	1.657
Chinese Physics	1.497	Modelling and Simulation in Materials Science and Engineering	1.457
Chinese Physics Letters	1.135	Nanotechnology	3.037
Classical and Quantum Gravity	2.773	New Journal of Physics	3.754
Communications in Theoretical Physics	0.726	Nonlinearity	1.288
European Journal of Physics	0.595	Nuclear Fusion	2.839
Europhysics Letters (EPL)	2.229	Physica Scripta	1.161
Inverse Problems	1.319	Physical Biology*	2.773
Izvestiya: Mathematics	0.545	Physics in Medicine & Biology	2.873
Journal of Breath Research	NEW	Physics–Uspekhi	2.675
Journal of Cosmology and Astroparticle Physics	6.175	Physiological Measurement	1.438
Journal of Geophysics and Engineering	0.839	Plasma Physics and Controlled Fusion	2.820
Journal of High Energy Physics	5.393	Plasma Science and Technology	0.331
Journal of Micromechanics and Microengineering	2.321	Plasma Sources Science and Technology	2.346
Journal of Optics A: Pure and Applied Optics	1.604	Quantum Electronics	0.860
Journal of Physics A: Mathematical and Theoretical	1.577	Reports on Progress in Physics	9.549
Journal of Physics B: Atomic, Molecular and Optical Physics	2.024	Russian Chemical Reviews	1.717
Journal of Physics: Condensed Matter	2.038	Russian Mathematical Surveys	0.303
Journal of Physics D: Applied Physics	2.077	Sbornik: Mathematics	0.295
Journal of Physics G: Nuclear and Particle Physics	1.781	Semiconductor Science and Technology	1.586
Journal of Radiological Protection	0.736	Smart Materials and Structures	1.510
Journal of Statistical Mechanics: Theory and Experiment	2.185	Superconductor Science and Technology	1.440

* This journal received its first Impact Factor.



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All Turpion journals have a cited half-life* of more than 10 years. *Izvestiya: Mathematics*, *Russian Mathematical Surveys* and *Sbornik: Mathematics* are all indexed by ISI in the "Mathematics" category. *Physics–Uspekhi* is indexed in the "Physics, Multidisciplinary" category, and has seen a 24% increase to 2.675. *Quantum Electronics* is indexed in the "Physics, Applied" category, and has seen a 19% increase. *Russian Chemical Reviews* is indexed in the "Chemistry, Multidisciplinary" category.

* The cited half-life calculation finds the number of publication years from the current JCR year that account for 50% of citations received by the journal.

Publications list



- The Astronomical Journal*
- Bioinspiration & Biomimetics
- Biomedical Materials
- CERN Courier*
- Chinese Journal of Astronomy and Astrophysics*
- Chinese Journal of Chemical Physics*
- Chinese Physics*
- Chinese Physics Letters*
- Classical and Quantum Gravity
- Communications in Theoretical Physics*
- Compound Semiconductor
- Computational Science & Discovery
- Environmental Research Letters
- ESRF Newsletter*
- European Journal of Physics*
- Europhysics Letters (EPL)*
- FibreSystems Europe
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- Journal of Breath Research
- Journal of Cosmology and Astroparticle Physics*
- Journal of Geophysics and Engineering*
- Journal of High Energy Physics*
- Journal of Instrumentation*
- Journal of Micromechanics and Microengineering
- Journal of Neural Engineering
- Journal of Optics A: Pure and Applied Optics
- Journal of Physics A: Mathematical and Theoretical
- Journal of Physics B: Atomic, Molecular and Optical Physics
- Journal of Physics: Condensed Matter
- Journal of Physics: Conference Series
- Journal of Physics D: Applied Physics

- Journal of Physics G: Nuclear and Particle Physics
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- Journal of Statistical Mechanics: Theory and Experiment*
- Measurement Science and Technology
- Metrologia*
- Modelling and Simulation in Materials Science and Engineering
- Nanotechnology
- New Journal of Physics*
- Nonlinearity*
- Nuclear Fusion*
- Optics & Laser Europe
- Physica Scripta*
- Physical Biology
- Physics Education
- Physics in Medicine & Biology*
- Physics–Uspekhi*
- Physics World
- Physiological Measurement*
- Plasma Physics and Controlled Fusion
- Plasma Science and Technology*
- Plasma Sources Science and Technology
- Quantum Electronics*
- Reports on Progress in Physics
- Russian Chemical Reviews*
- Russian Mathematical Surveys*
- Sbornik: Mathematics*
- SciDAC Review*
- Semiconductor Science and Technology
- Smart Materials and Structures
- Superconductor Science and Technology
- Technology Tracking Reports*

* These titles are published in co-operation with international partners. See pages 16 and 17 for more information.

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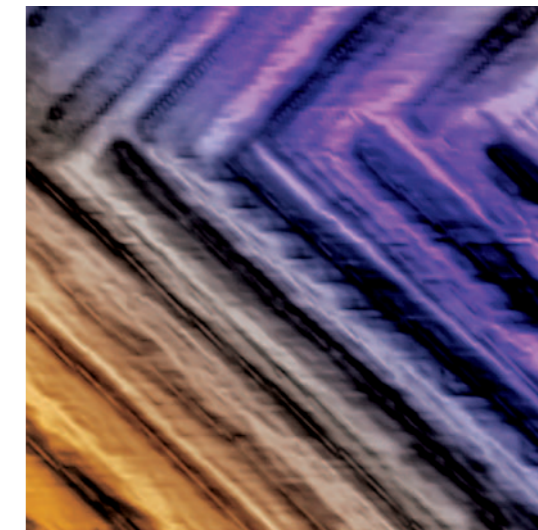
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Room temperature STM image of HOPG, following the deposition of 5.4nm Sb nanorods **S S Kushwaha et al** 2007 *Nanotechnology* **18** 145501.



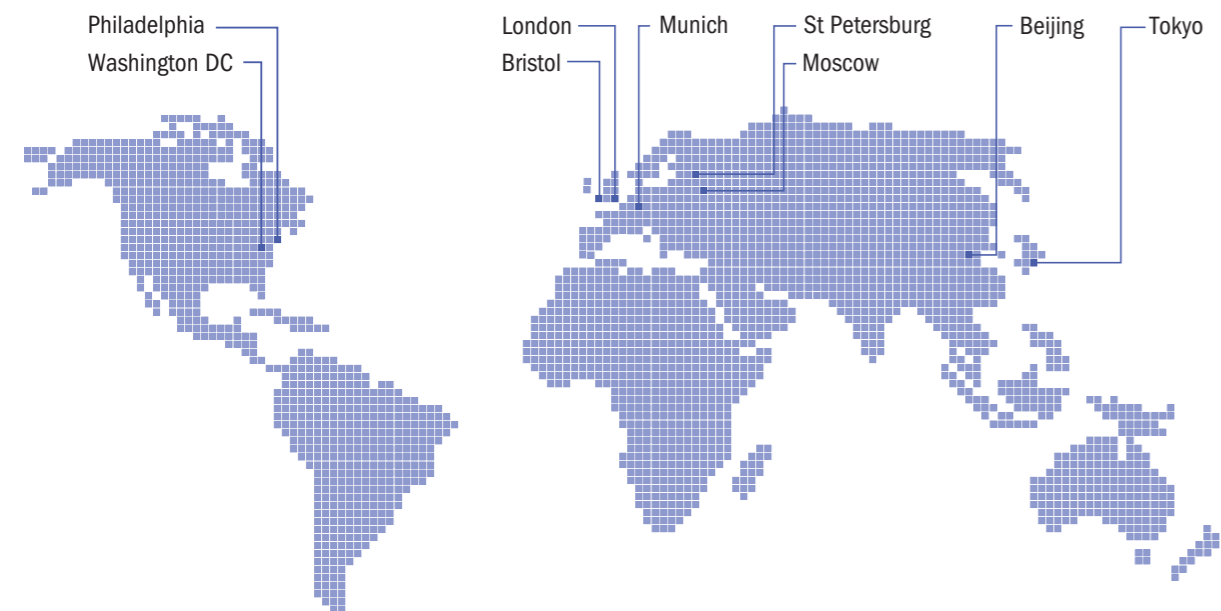
Changes in journal sizes for 2008

We have reviewed the current size of our printed journals and will be making several changes that will come into effect beginning January 2008. *Journal of Physics B: Atomic, Molecular and Optical Physics*, *Journal of Physics: Condensed Matter* and *Reports on Progress in Physics* will move from approximate B5 (176 x 250mm) single-column format, to approximate US Letter size (210 x 286mm) double-column format. This will help to save paper for readers printing articles from the online journal. These changes are intended to reduce paper consumption and make the journals easier to use.

"Congratulations on your waste-reducing decision! Keep up the good work."
Dr E Traibert, Ruhr-Universität-Bochum

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