



On-Surface Synthesis: Proceedings of the International Workshop On-Surface Synthesis, École des Houches, Les Houches 25-30 May 2014 (Advances in Atom and Single Molecule Machines)

From Springer

 Get Print Book



Download



Read Online

On-Surface Synthesis: Proceedings of the International Workshop On-Surface Synthesis, École des Houches, Les Houches 25-30 May 2014 (Advances in Atom and Single Molecule Machines) From Springer

With contributions by leading international experts, this book presents a detailed compilation of a new and very active field. It is the first book devoted to the covalent coupling of molecular precursors on surfaces that allows the preparation of 0D, 1D and 2D molecules that cannot be synthesized in solution. This book is aimed at students and researchers interested in nanochemistry and molecular devices and it gives the reader a pedagogical up-to-date vision of the most recent developments. The editor ensures a multidisciplinary approach involving molecular chemistry, surface sciences, surface spectroscopies, theory, scanning tunneling and non-contact atomic force microscopies.



[Download On-Surface Synthesis: Proceedings of the Internati ...pdf](#)



[Read Online On-Surface Synthesis: Proceedings of the Interna ...pdf](#)

On-Surface Synthesis: Proceedings of the International Workshop On-Surface Synthesis, École des Houches, Les Houches 25-30 May 2014 (Advances in Atom and Single Molecule Machines)

From Springer

On-Surface Synthesis: Proceedings of the International Workshop On-Surface Synthesis, École des Houches, Les Houches 25-30 May 2014 (Advances in Atom and Single Molecule Machines) From Springer

With contributions by leading international experts, this book presents a detailed compilation of a new and very active field. It is the first book devoted to the covalent coupling of molecular precursors on surfaces that allows the preparation of 0D, 1D and 2D molecules that cannot be synthesized in solution. This book is aimed at students and researchers interested in nanochemistry and molecular devices and it gives the reader a pedagogical up-to-date vision of the most recent developments. The editor ensures a multidisciplinary approach involving molecular chemistry, surface sciences, surface spectroscopies, theory, scanning tunneling and non-contact atomic force microscopies.

On-Surface Synthesis: Proceedings of the International Workshop On-Surface Synthesis, École des Houches, Les Houches 25-30 May 2014 (Advances in Atom and Single Molecule Machines) From Springer Bibliography

- Published on: 2016-02-15
- Original language: English
- Number of items: 1
- Dimensions: 9.21" h x .69" w x 6.14" l, .0 pounds
- Binding: Hardcover
- 287 pages

 [Download On-Surface Synthesis: Proceedings of the Internati ...pdf](#)

 [Read Online On-Surface Synthesis: Proceedings of the Interna ...pdf](#)

Download and Read Free Online On-Surface Synthesis: Proceedings of the International Workshop On-Surface Synthesis, École des Houches, Les Houches 25-30 May 2014 (Advances in Atom and Single Molecule Machines) From Springer

Editorial Review

From the Back Cover

With contributions by leading international experts, this book presents a detailed compilation of a new and very active field. It is the first book devoted to the covalent coupling of molecular precursors on surfaces that allows the preparation of 0D, 1D and 2D molecules that cannot be synthesized in solution. This book is aimed at students and researchers interested in nanochemistry and molecular devices and it gives the reader a pedagogical up-to-date vision of the most recent developments. The editor ensures a multidisciplinary approach involving molecular chemistry, surface sciences, surface spectroscopies, theory, scanning tunneling and non-contact atomic force microscopies.

About the Author

André Gourdon is CNRS Director of Research and leader of the Nanosciences Group at CEMES/CNRS (www.cemes.fr/GNS). A chemical engineer, after two PhDs, and a post-doc in Oxford, Gourdon moved to the CEMES-CNRS to explore the design and synthesis of molecular devices for nanosciences.

He has coordinated European projects like "CHIC: Consortium for Hamiltonian Intramolecular Computing" and "ARTIST: Alternative Routes Towards Information Storage and Transport". He is currently coordinating the large European integrated project "PAMS: Planar Atomic and Molecular Scale Devices" (pams-project.eu) (2013-2018) with the objective to investigate all scientific and technological aspects of the fabrication of a molecular chip. He is the author of more than 135 scientific publications.

Users Review

From reader reviews:

Lynn Kelley:

The book On-Surface Synthesis: Proceedings of the International Workshop On-Surface Synthesis, École des Houches, Les Houches 25-30 May 2014 (Advances in Atom and Single Molecule Machines) can give more knowledge and also the precise product information about everything you want. So just why must we leave a good thing like a book On-Surface Synthesis: Proceedings of the International Workshop On-Surface Synthesis, École des Houches, Les Houches 25-30 May 2014 (Advances in Atom and Single Molecule Machines)? Wide variety you have a different opinion about guide. But one aim in which book can give many data for us. It is absolutely correct. Right now, try to closer together with your book. Knowledge or information that you take for that, it is possible to give for each other; you may share all of these. Book On-Surface Synthesis: Proceedings of the International Workshop On-Surface Synthesis, École des Houches, Les Houches 25-30 May 2014 (Advances in Atom and Single Molecule Machines) has simple shape however you know: it has great and large function for you. You can appearance the enormous world by wide open and read a reserve. So it is very wonderful.

Nicol Thomas:

In this 21st centuries, people become competitive in most way. By being competitive right now, people have do something to make these survives, being in the middle of typically the crowded place and notice through surrounding. One thing that occasionally many people have underestimated the idea for a while is reading. Yes, by reading a publication your ability to survive increase then having chance to stand up than other is high. For yourself who want to start reading the book, we give you that On-Surface Synthesis: Proceedings of the International Workshop On-Surface Synthesis, École des Houches, Les Houches 25-30 May 2014 (Advances in Atom and Single Molecule Machines) book as beginner and daily reading reserve. Why, because this book is usually more than just a book.

Willie Dominguez:

Here thing why this particular On-Surface Synthesis: Proceedings of the International Workshop On-Surface Synthesis, École des Houches, Les Houches 25-30 May 2014 (Advances in Atom and Single Molecule Machines) are different and trustworthy to be yours. First of all looking at a book is good however it depends in the content than it which is the content is as tasty as food or not. On-Surface Synthesis: Proceedings of the International Workshop On-Surface Synthesis, École des Houches, Les Houches 25-30 May 2014 (Advances in Atom and Single Molecule Machines) giving you information deeper and in different ways, you can find any publication out there but there is no book that similar with On-Surface Synthesis: Proceedings of the International Workshop On-Surface Synthesis, École des Houches, Les Houches 25-30 May 2014 (Advances in Atom and Single Molecule Machines). It gives you thrill reading through journey, its open up your eyes about the thing this happened in the world which is probably can be happened around you. It is easy to bring everywhere like in area, café, or even in your technique home by train. Should you be having difficulties in bringing the imprinted book maybe the form of On-Surface Synthesis: Proceedings of the International Workshop On-Surface Synthesis, École des Houches, Les Houches 25-30 May 2014 (Advances in Atom and Single Molecule Machines) in e-book can be your choice.

Mary Peterson:

People live in this new morning of lifestyle always attempt to and must have the extra time or they will get lots of stress from both everyday life and work. So , whenever we ask do people have spare time, we will say absolutely sure. People is human not really a huge robot. Then we inquire again, what kind of activity do you have when the spare time coming to you of course your answer will certainly unlimited right. Then ever try this one, reading publications. It can be your alternative throughout spending your spare time, the book you have read is On-Surface Synthesis: Proceedings of the International Workshop On-Surface Synthesis, École des Houches, Les Houches 25-30 May 2014 (Advances in Atom and Single Molecule Machines).

Download and Read Online On-Surface Synthesis: Proceedings of the International Workshop On-Surface Synthesis, École des Houches, Les Houches 25-30 May 2014 (Advances in Atom and

Single Molecule Machines) From Springer #5QVCKD3JSLW

Read On-Surface Synthesis: Proceedings of the International Workshop On-Surface Synthesis, École des Houches, Les Houches 25-30 May 2014 (Advances in Atom and Single Molecule Machines) From Springer for online ebook

On-Surface Synthesis: Proceedings of the International Workshop On-Surface Synthesis, École des Houches, Les Houches 25-30 May 2014 (Advances in Atom and Single Molecule Machines) From Springer Free PDF download, audio books, books to read, good books to read, cheap books, good books, online books, books online, book reviews epub, read books online, books to read online, online library, greatbooks to read, PDF best books to read, top books to read On-Surface Synthesis: Proceedings of the International Workshop On-Surface Synthesis, École des Houches, Les Houches 25-30 May 2014 (Advances in Atom and Single Molecule Machines) From Springer books to read online.

Online On-Surface Synthesis: Proceedings of the International Workshop On-Surface Synthesis, École des Houches, Les Houches 25-30 May 2014 (Advances in Atom and Single Molecule Machines) From Springer ebook PDF download

On-Surface Synthesis: Proceedings of the International Workshop On-Surface Synthesis, École des Houches, Les Houches 25-30 May 2014 (Advances in Atom and Single Molecule Machines) From Springer Doc

On-Surface Synthesis: Proceedings of the International Workshop On-Surface Synthesis, École des Houches, Les Houches 25-30 May 2014 (Advances in Atom and Single Molecule Machines) From Springer Mobipocket

On-Surface Synthesis: Proceedings of the International Workshop On-Surface Synthesis, École des Houches, Les Houches 25-30 May 2014 (Advances in Atom and Single Molecule Machines) From Springer EPub