

PMG Anthology of “Popular” Publications and Presentations

(Time Reversed Order...All can be found by drilling around on www.w2agz.com)

(Or...go directly to www.w2agz.com/Publications.htm and/or
<http://www.w2agz.com/Presentations.htm>)

(where each article is accompanied by a brief explanatory abstract)

NB! Many of the following ppt links contain wmv files which are NOT imbedded

NB2! Should you try to download any of the ppt files, some are of multi-megabyte size

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<u>Publications (Including Selected Commentaries & Interviews)</u>
(2028) !!!
Researchers Find Extraordinarily High-T_c Superconductivity in Bio-Inspired Polymer (pdf)
(2016)
Superconductivity: A Look Backward and Forward (Cold Facts) (pdf)
(2015)
Cold Power (Cold Facts) (pdf)
(2014)
Superconductivity: Will It Be Coming in from the Cold? (Cold Facts) (pdf)
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Upbraiding the Utilities (Power Magazine) (pdf)
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Where Next for Superconductivity? (Physics World Video Interview) (YouTube)
Superconductor Week Speaks with W2AGZ’s Paul Grant (pdf)
The Great Quantum Conundrum (Nature) (pdf)
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Fantastic Five (Physics World) (pdf)
Down the Path of Least Resistance (Physics World) (pdf)
Out into the Cold: Early Experiences with Superconductivity (Cold Facts) (pdf)
(2010)
Superconductivity: 100 Years and Counting (Cold Facts) (pdf)
Superconductivity in Power Applications (ICEC-ICMC Wroclaw) (pdf)
(2006)

A Power Grid for the Hydrogen Economy (Scientific American) (pdf)
(2005)
Nuclear Energy's Contribution to the City of the Future (Nuclear Future) (pdf)
(2004)
The Energy SuperGrid (WEC 2004) (pdf)
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Hydrogen Lifts Off – With a Heavy Load (Nature) (pdf)
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Energy for the City of the Future (The Industrial Physicist) (pdf)
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Will MgB₂ Work? (The Industrial Physicist) (pdf)
(1999)
Kansas Makes a Monkey of Itself (Nature) (pdf)
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Superconductivity and Electric Power: Promises, Promises...Past, Present and Future (IEEE) (pdf)
Woodstock of Physics Revisited (Nature) (pdf)
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High-Temperature Superconductivity: Four Years Since Bednorz and Mueller (Advanced Materials) (pdf)
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<u>Book Reviews</u>
(2015)
Room at the Bottom (pdf)
<i>Moore's Law: The Life of Gordon Moore; A. Thackray, D. C. Brock, and R. Jones, Basic Books 2015</i>
(2012)
Keeping the Lights on After 2100 (pdf)
<i>Powering the Future: How We Will (Eventually) Solve the Energy Crisis; Robert B. Laughlin, Basic Books 2011</i>
(2009)
Grandfather of Us All (pdf)
<i>On Superconductivity and Superfluidity: A Scientific Autobiography; Vitaly L. Ginzburg, Springer 2008</i>
(2007)
Plugged Into the Matrix (pdf)
<i>The Grid: A Journey Through the Heart of Our Electrified World; Phillip L. Schewe, Joseph Henry Press 2007</i>
(2006)
The Moses of Silicon Valley (pdf)
<i>Broken Genius: The Rise and Fall of William Shockley; Joel N. Shurkin, Macmillan Science 2006</i>
(2003)
Science Exiled (pdf)
<i>Politicizing Science: The Alchemy of Policymaking; ed. Michael Gough, Hoover Institution 2003</i>
(2002)

London Calling (pdf)
<i>A Thread Across the Ocean; John Steele Gordon, Simon & Schuster 2002</i>
(1999)
Superconductors Get Ready for Action (pdf)
<i>Handbook of Applied Superconductivity; ed. Bernd Seeber, IOP Publishing 1998</i>
(1996)
Fields of Influence (pdf)
<i>Driving Force: The Natural Magic of Magnets; James D. Livingston, Harvard University Press 1996</i>
(1994)
Devices and Developments (pdf)
<i>Applied Superconductivity; ed. Roger B. Poepfel, Elsevier 1994</i>
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Commentary Specific to Nature Publishing Group (Nature, Nature Physics & Nature Materials)
The Great Quantum Conundrum (2011) (pdf)
Prospecting for an Iron Age (2008) (pdf)
Hydrogen Lifts Off – With a Heavy Load (2003) (pdf)
Scientific Credit and Credibility (2002) (pdf)
Is a Bell Tolling for Bell Labs? (2002) (pdf)
Up on the C₆₀ Elevator (2001) (pdf)
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<i>2009 Letter to American Physical Society Leadership in Support of Topical Group on Climate Change</i>
Outpost on the Endless Frontier (link)
<i>An EPRI series of polemics enjoyed by its members from 1998 through 1999</i>
Letters-To-The Editor (Mostly to the San Jose Mercury-News) (link)
<i>A wide variety ranging from Joe DiMaggio to Jeopardy...My Joe D. homily won me a Merc Silver Pen Award</i>
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Presentations

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Superconductivity: Yesterday-Today-Tomorrow ([pdf](#), [ppt](#))

The Garwin-Matisoo Vision After 45 Years ([pdf](#), [ppt](#))

A Personal Journey in Superconductivity -- IBM, EPRI, and Beyond -- ([pdf](#), [ppt](#))

SuperCities, SuperSuburbs and SuperGrids ([pdf](#), [odp](#))

From BCS to Vortices: A 40 Year Personal Journey ([pdf](#), [ppt](#))

(2010)

Superconductivity in Power Applications: Cryogenics Transforming the Power Enterprise ([pdf](#), [ppt](#))

(2009)

Activities and Plans in the US: Sober Assessment of Opportunities and Realities ([pdf](#), [ppt](#))

SuperCities and SuperGrids: Energy Independence for the World ([pdf](#), [ppt](#))

SuperCities and SuperGrids: Energy Independence for North America ([pdf](#))

Whither Superconductivity? ([pdf](#))

(2008)

SuperCities and SuperGrids: UC Davis Symposium ([pdf](#), [ppt](#))

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So Now We Have a Room Temperature Superconductivity...So What? ([pdf](#), [ppt](#))

1987 Woodstock of Physics: 20th Anniversary ([pdf](#), [ppt](#))

SCDC Cables: Pitfalls and Potentials: DOE Program Review ([pdf](#), [ppt](#))

(2006)

Garwin-Matisoo Revisited 40 Years Later ([pdf](#), [ppt](#))

SuperCities and SuperGrids: Tetrastechnology Energy Societies for an Extrajoule World ([pdf](#), [ppt](#))

Ohlone Brown Bag: SuperCities and SuperGrids ([pdf](#), [ppt](#))

Quo Vadis, High-Tc? ([pdf](#), [ppt](#))

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