

I know I probably (well, almost certainly) already gave you way too much to read, let alone to digest/master, but I still thought it would be good to send you these multimedia links. Watching is different than reading and I think you will find some of this material very interesting and educational.

These are a set of introductory lectures that explain everything in a very simple clear compelling way:

<http://www.youtube.com/watch?v=7aRKAXD4dAg>  
<http://www.youtube.com/watch?v=jUKdVBpCLHM>  
<http://www.youtube.com/watch?v=GjLvu1hOAAA>  
<http://www.youtube.com/watch?v=MPXbDDrumwM>  
<http://www.youtube.com/watch?v=o8PzreUSbVE>  
<http://www.youtube.com/watch?v=B2HMAJQJ7ok>  
<http://www.youtube.com/watch?v=753GoKV1F4Y>  
[http://www.youtube.com/watch?v=RIsM\\_mz3bk](http://www.youtube.com/watch?v=RIsM_mz3bk)  
<http://www.youtube.com/watch?v=XJvVnIMv1LQ>  
[http://www.youtube.com/watch?v=SrG\\_w5v3R8A](http://www.youtube.com/watch?v=SrG_w5v3R8A)  
<http://www.youtube.com/watch?v=MdyvLYdxXqo>

These are links to web pages on the Nobel Prize website about laureates who received their Nobel Prize for their work on NMR

[http://nobelprize.org/nobel\\_prizes/physics/laureates/1952/speedread.html](http://nobelprize.org/nobel_prizes/physics/laureates/1952/speedread.html)  
[http://nobelprize.org/nobel\\_prizes/physics/laureates/1952/press.html](http://nobelprize.org/nobel_prizes/physics/laureates/1952/press.html)  
[http://nobelprize.org/nobel\\_prizes/physics/laureates/1952/purcell-lecture.html](http://nobelprize.org/nobel_prizes/physics/laureates/1952/purcell-lecture.html)  
[http://nobelprize.org/nobel\\_prizes/physics/laureates/1952/bloch-lecture.html](http://nobelprize.org/nobel_prizes/physics/laureates/1952/bloch-lecture.html)

[http://nobelprize.org/nobel\\_prizes/chemistry/laureates/1991/speedread.html](http://nobelprize.org/nobel_prizes/chemistry/laureates/1991/speedread.html)  
[http://nobelprize.org/nobel\\_prizes/chemistry/laureates/1991/illpres/index.html](http://nobelprize.org/nobel_prizes/chemistry/laureates/1991/illpres/index.html)  
[http://nobelprize.org/nobel\\_prizes/chemistry/laureates/1991/ernst-lecture.html](http://nobelprize.org/nobel_prizes/chemistry/laureates/1991/ernst-lecture.html)  
<http://www.vega.org.uk/video/programme/21>

[http://nobelprize.org/nobel\\_prizes/chemistry/laureates/2002/adv.html](http://nobelprize.org/nobel_prizes/chemistry/laureates/2002/adv.html)  
[http://nobelprize.org/nobel\\_prizes/chemistry/laureates/2002/illpres/nmr.html](http://nobelprize.org/nobel_prizes/chemistry/laureates/2002/illpres/nmr.html)  
[http://nobelprize.org/nobel\\_prizes/chemistry/laureates/2002/wuthrich-lecture.html](http://nobelprize.org/nobel_prizes/chemistry/laureates/2002/wuthrich-lecture.html)  
<http://www.vega.org.uk/video/programme/115>

[http://nobelprize.org/nobel\\_prizes/medicine/laureates/2003/speedread.html](http://nobelprize.org/nobel_prizes/medicine/laureates/2003/speedread.html)  
[http://nobelprize.org/nobel\\_prizes/medicine/laureates/2003/illpres/](http://nobelprize.org/nobel_prizes/medicine/laureates/2003/illpres/)  
[http://nobelprize.org/nobel\\_prizes/medicine/laureates/2003/lauterbur-lecture.html](http://nobelprize.org/nobel_prizes/medicine/laureates/2003/lauterbur-lecture.html)  
[http://nobelprize.org/nobel\\_prizes/medicine/laureates/2003/mansfield-lecture.htm](http://nobelprize.org/nobel_prizes/medicine/laureates/2003/mansfield-lecture.htm)

I love the poetic way that Ed Purcell begins his Nobel Prize lecture:

There the snow lay around my doorstep - great heaps of protons quietly precessing in the earth's magnetic field. To see the world for a moment as something rich and strange is the private reward of many a discovery.

Professor Bloch has told you how one can detect the precession of the magnetic nuclei in a drop of water. Commonplace as such experiments have become in our laboratories, I have not yet lost a feeling of wonder, and of delight, that this delicate motion should reside in all the ordinary things around us, revealing itself only to him who looks for it. I remember, in the winter of our first experiments, just seven years ago, looking on snow with new eyes. There the snow lay around my doorstep - great heaps of protons quietly precessing in the earth's magnetic field. To see the world for a moment as something rich and strange is the private reward of many a discovery. But I am afraid it has little bearing on the sober question we must, as physicists, ask ourselves: What can we learn from all this about the structure of matter? It is my privilege to tell you now of some of the things that can be learned.