Particle Physics by Jonny Berliner

E C#m A B

If I could be the captain of a subatomic submarine,

E C#m A B

I'd dive into an atom just to find the fundamentalest things,
Little chunks of matter that are strange and full of charm,
Some particles have charge, you know and some can do no harm.

E G#7 C#m A#dim7

Some can carry forces and some we've never found,

B E

And some we have invented just to make our theories sound,

 \mathbf{E}

You got electrons, positrons, gravitons and photons, hadrons, kaons, pions and protons,

В

Leptons, neutrons, baryons and bosons, fermions, mesons, neutrinos and,

 ${f E}$

W particles, Z particles, tau, psi, Higgs and alpha particles,

В

Sigma particles, lambda particles, eta and omega particles

 \mathbf{E}

Charged particles, charming particles, up, down, strange and spinning particles,

Bottomonium, muons, and gluons and quarks!

Somewhere underground there is a very, very big machine, Smashing up these particles with lots and lots of energy It must get quite repetitive but it's all that they can do, So that every now and then they find a finding that is new, By following the trails that are often left behind, In the bubble chamber and here's what they might find.

Chorus