Since I could not solve the remaining Millennium Problems, I decided to write limericks about them instead.

The Millennium Limericks

When fluid commences to flow,
Does it continue that way? Yes or no? **Navier-Stokes Existence**
The physics says yes,   **and Smoothness**
But we only guess
Mathematics will say this is so.

Poincaré once remarked we expect
That compact and simply connect
Implies that the sphere   **The Poincaré Conjecture**
Is all we have here.
And Perelman has proved this correct.

Wo sind die Nullstellen von Zed?
They help me count primes, Bernhard said.
This problem of Riemann   **The Riemann Hypothesis**
Is really a demon.
I think I'll try Goldbach instead.

To prove P's not NP's a test
To show that you're really the best.
Perhaps we will see $\mathbf{P \neq NP}$
That the proof is NP
So to find it's a difficult quest.

A curve has a function called L
Whose order of zero will tell   **The Birch and Swinnerton-Dyer**
The Mordell-Weil rank,   **Conjecture**
Says Birch, whom we thank,
And Swinnerton-Dyer as well.

A cycle of Hodge, say on X,
Comes from cycles that aren't as complex.
That's what is predicted   **The Hodge Conjecture**
And not contradicted.
Geometers by it are vexed.

In problems math physicists pose,
A problem with mass gaps arose.   **Yang-Mills Existence**
So clearly we want 'em   **and Mass Gap**
To make Yang-Mills quantum.
How to do this still nobody knows.