Geometry of a Sphere

A Fields Institute Project View the interview with Dr. Megumi Harada of McMaster University at http://www.fields.utoronto.ca/mathwindows

What is the shortest path between Tokyo and New York?

Tokyo

B

Anchorage

New York

On a flat plane the shortest distance between two points is a straight line. Windows into Elementary Mathematics



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FIELDS

Which are the 'straight' lines on a sphere? Lines of longitude or lines of latitude? Are there parallel lines on a sphere?