

# ***LEADING-EDGE SPIRITUAL THOUGHT***

## Lecture 13: Getting Started With Parallel Universes

### Study Guide

#### I. INTRODUCTION

#### II. THE FAMOUS TWO-SLIT EXPERIMENTS

1. Description of the experiment
2. What scientists expected
3. What they observed
4. What they wondered

#### III. WAVE-PARTICLE DUALITY (HUH?)

1. How wave theory addressed the question
2. But particles persist
3. How can it be both?

#### IV. THE PARADOX

1. Maybe the wave is imaginary
2. But it answers all the questions

#### V. HOW PARALLEL UNIVERSE THEORY EXPLAINS THE PARADOX

1. Basic philosophical idea: the two realities must exist somewhere, right?

2. OK, then where?

3. Parallel universes and parallel slits

4. The Quantum Magic Lantern Theater of Fred Alan Wolf