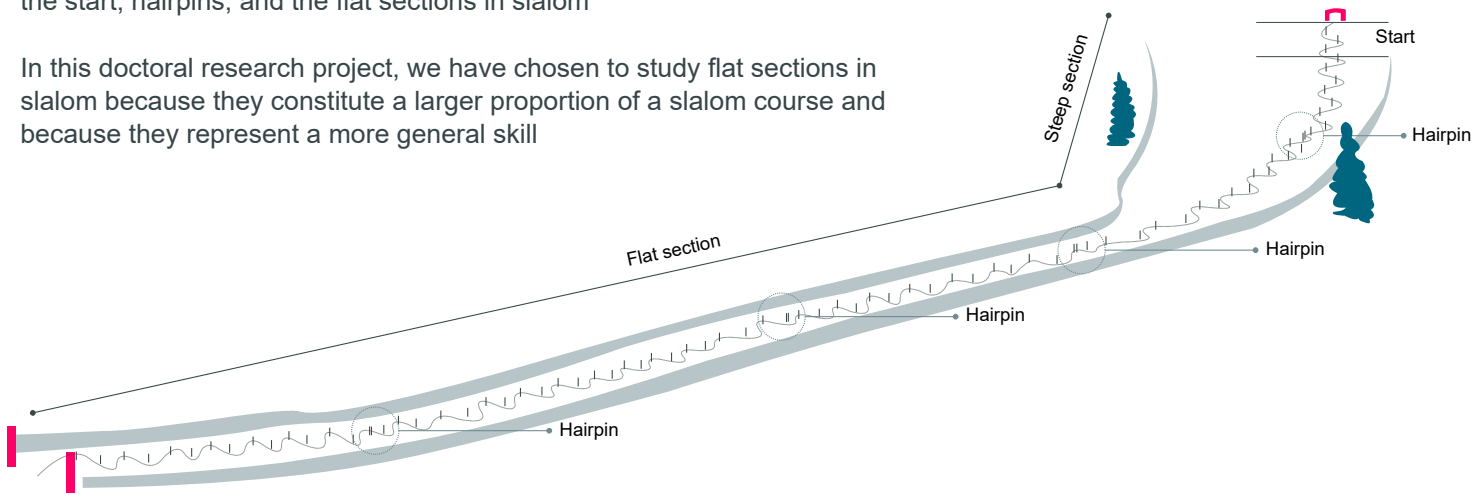


1. What factors or situations discriminate skilled from less skilled skiers?

Previous research has shown significant differences among skilled skiers at the start, hairpins, and the flat sections in slalom

In this doctoral research project, we have chosen to study flat sections in slalom because they constitute a larger proportion of a slalom course and because they represent a more general skill



The diagram illustrates a slalom course layout. It begins with a 'Start' line at the top right, marked with a red flag. The course proceeds through a series of turns, with specific points labeled as 'Hairpin'. The terrain is divided into sections: a 'Steep section' at the top right, followed by a 'Flat section' which is the primary focus of the research. The course continues with more turns and a final 'Hairpin' at the bottom left. The layout is shown from a top-down perspective, with a winding path indicated by a line and arrows.

2. Identify the mechanisms underpinning skilled skiers' superior performance in flat section in slalom

