

# Information for the 2019-20 session SPA6309 Resit in Academic Year 2020-21

## Assignment

This is the same in principle as the one you attempted earlier this year. The instructions and indicative marking scheme are unchanged. The topic is to explain how the Z0 boson is reconstructed from its decays to lepton pairs.

## Individual allocation

I have allocated the decay channel of the Z0 boson to each of you individually in this table. The LEP experiment you should use in your answer is also stated.

First name	Surname	Z0 decay channel	LEP Experiment
Perluigi	<b>Fideli</b>	electrons	OPAL
Pierre	<b>Nikititis</b>	muons	ALEPH

## Submission information

An individual report consisting of **one** cover page and then up to **eight additional sides of A4 maximum**, including all figures & references, and typed using a 12-point font (can be 10 point for the figure captions and the references if you wish).

**Absolute Submission Deadline: Monday, 26 April 2021, 12:00 PM (MIDDAY)**