1: Good afternoon. I am Laura Pla Olea and I am going to present part of the work done in my study on the computational resolution of conservation equations.

2: The presentation is divided in different sections. First of all I am going to explain the objectives of the study and the methodology followed, and then I am going to do a brief introduction on what are the conservation equations and numerical methods. Next, I am going to show you the results obtained in the resolution on some basic cases and finally, the results of the application case studied.

3:

4:

5:

6:

7:

8:

9:

10:

11:

12:

13:

14:

15:

16:

17:

18:

19:

20:

21:

22: