

The Lidar instrument for measuring
The parameters necessary for understanding physics and chemistry
in the atmosphere

Philippe Keckhut, Slimane Bekki
(LATMOS, France)

PART 3: Questionnaire KAHOOT

1- What is a LIDAR

- a) A satellite
- b) An instrument**
- c) A plant species
- d) A new planet

2- What are our LIDARs

- a) To study the atmosphere of the Earth**
- b) To detect nuclear submarines
- c) Measuring time
- d) To create special lighting in discotheques

3- What is the light source in a Lidar

- a) A light bulb
- b) A flame
- c) A crystal ball
- d) A laser**

4- In which direction is pointing the Lidar

- a) Towards the Moon
- b) Towards the sky**
- c) Towards the ground
- d) Towards the South

5- What is the use of chalk powder in this exercise

- a) Operate the Lidar
- b) To write
- c) To count
- d) To show the laser beam**

6- How do we know the distance of a cloud

- a) By the intensity of the illumination
- b) By the return time of the light**
- c) By the color of the return beam
- d) By a change in the direction of the beam

7- How can we see the laser beam in the atmosphere

- a) Thanks to the stars
- b) By the diffusion of light by particles and molecules**
- c) By refraction of visible light
- d) By sedimentation of the photons

8- The thicker the powdered chalk, the more

- a) The return beam is intense**
- b) The return time is short
- c) Laser life is reduced
- d) Water evaporates