

TELEFONICA S A
Form 6-K
April 12, 2011

FORM 6-K
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549
Report of Foreign Private Issuer
Pursuant to Rule 13a-16 or 15d-16
of the Securities Exchange Act of 1934
For the month of April, 2011
Commission File Number: 001-09531
Telefónica, S.A.

(Translation of registrant's name into English)

Distrito C, Ronda de la Comunicación s/n,
28050 Madrid, Spain
3491-482 85 48

(Address of principal executive offices)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F:
Form 20-F Form 40-F

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1):

Yes No

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7):

Yes No

Indicate by check mark whether by furnishing the information contained in this Form, the registrant is also thereby furnishing the information to the Commission pursuant to Rule 12g3-2(b) under the Securities Exchange Act of 1934:

Yes No

If "Yes" is marked, indicate below the file number assigned to the registrant in connection with Rule 12g3-2(b): N/A

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1. Telefónica Agenda Eighth Investor Conference

RAMIRO SÁNCHEZ DE LERÍN GARCIA-OVIES
*General Secretary and
Secretary to the Board of Directors*
TELEFÓNICA, S.A.

TELEFÓNICA, S.A., hereby reports the following:

NOTICE

TELEFÓNICA GROUP will host its Eighth Investor Conference in the city of London on April 13th and 14th. Please find below the Agenda of the Conference, that will begin approximately at 13,30 (London time) tomorrow.

Wednesday, April 13th

- 14:00** *César Alierta*
Chairman and Chief Executive Officer of Telefónica
 - 14:45** *Santiago Fernández Valbuena*
Chief Strategy Officer of Telefónica
 - 15:30** *Julio Linares*
Chief Operating Officer of Telefónica
 - 16:15** *Fernando Madeira*
Chief Executive Officer of Terra Latam
 - 16:30** *Zaryn Dentzel*
Chief Executive Officer of Tuenti
 - 16:45** *Trevor Healy*
Chairman of Jajah and Chief Innovation Officer of Telefónica Europa
-

Thursday, April 14th

- 09:00** *César Alierta (Welcome)*
Chairman and Chief Executive Officer of Telefónica
- 09:05** *His Excellency Luis Inácio Lula da Silva*
Former President of Brasil
- 09:45** *José María Álvarez-Pallete*
Chairman and Chief Executive Officer of Telefónica Latinoamérica
- 10:15** *Coffe Break*
- 10:45** *Guillermo Ansaldo Lutz*
Chairman and Chief Executive Officer of Telefónica España
- 11:15** *Matthew Key*
Chairman and Chief Executive Officer of Telefónica Europa
- 11:45** *César Alierta Izuel (Closing remarks)*
Chairman and Chief Executive Officer of Telefónica
- 11:50** *Joint Q&A session*
- 12:30** *End of Main Conference*
- 13:45** *Group meeting (Slot 1)*
- 14:10** *Group meeting (Slot 2)*
- 14:35** *Group meeting (Slot 3)*

Live broadcasting of presentations will be available to any interested party at:

http://www.telefonica.com/ext/investor_conference/en/

Likewise, all the presentations will be previously sent to the Spanish National Securities Market Commission, and will also be available to the shareholders and investors on the Company's website.

Madrid, April 12th, 2011

SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Telefónica, S.A.

Date: April 12th, 2011

By: /s/ Ramiro Sánchez de Lerín García- Ovies
Name: Ramiro Sánchez de Lerín
García-Ovies
Title: General Secretary and Secretary to
the Board of Directors