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 b Form 40-F o

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 o No b

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 o No b

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 o No b

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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<u>1.</u>	<u>Telefónica</u>	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

00.00	Cósar	Aliorta	(Welcome)	۱
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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