
NORMALIZED CV

SURNAMES: CALVO LABARTA
NAME: M.EMILIA **GENDER:** Woman
ID number: 73189458 **DATE OF BIRTH:** 11/04/1960
Personal address: M. MORENO MAURICIO,35,4,2 ESC.IZQ.
City: BADALONA **POSTAL CODE:** 08917 **PHONE NUMBER:** 934657334

SPECIALIZATION (UNESCO CODES): 550603 - Història de l'astronomia / 550622 - Història de la ciència / 570107 - Llengua i literatura

ACADEMIC TRAINING

| <u>Bachelors Degree</u> | <u>Center</u> | <u>Date</u> |
|-------------------------|--------------------------|-------------|
| Filologia Semítica | Universidad de Barcelona | 1986 |
| <u>Doctorate</u> | <u>Center</u> | <u>Date</u> |
| Filologia Semítica | Universidad de Barcelona | 1991 |

THESIS DIRECTOR: Leonor Martínez Martín

ACTUAL PROFESSIONAL SITUATION AND STARTING DATE: Professor titular d'universitat - 28/02/1995
ORGANIZATION: Universitat de Barcelona
Center: Facultat de Filologia
DEPT./SECT./STR. UNIT: Filologia Semítica
POSTAL ADDRESS: Gran Via de les Corts Catalanes, 585. (Barcelona - 08007)
PHONE NUMBER (Add number and extension): 934035704

| | |
|---|--|
| - CONTRACT | OTHER SITUATION: |
| <input checked="" type="checkbox"/> STAFF | DEDICATION: |
| - SCHOLARSHIP HOLDER | <input checked="" type="checkbox"/> a) FULL TIME |
| - TEMPORARY | - b) PART TIME |
| - LEAVE | SPECIFY: |

PREVIOUS SCIENTIFIC AND/OR TEACHING ACTIVITIES

| <u>Activity</u> | <u>Center/Institution</u> | <u>Dates</u> |
|--------------------------|--|--------------|
| Docencia Lengua Española | Universidad de El Cairo. Facultat de Filologia | 1986 - 1987 |

Languages of scientific interest (Regular, Sufficient, Well)

| <u>Language</u> | <u>Speak</u> | <u>Read</u> | <u>Write</u> |
|-----------------|--------------|-------------|--------------|
| Spanish | Well | Well | Well |
| Catalan | Well | Well | Well |
| Arabian | Well | Well | Well |
| English | Well | Well | Well |
| French | Well | Well | Well |
| German | Regular | Regular | Regular |
| Latin | Regular | Regular | Regular |
| Egyptian | Regular | Regular | Regular |
| Persian | Regular | Regular | Regular |
| Hebrew | Regular | Regular | Regular |
| Italian | Regular | Regular | Regular |

DATE OF FULFILLMENT: 14/06/2010

SIGN:

JOURNAL PUBLICATIONS

Authors (signature): Calvo, E.

Title: La Risalat al.safiha al-mustaraka ala al-sakkaziyya de Ibn Al-banna

Journal: 000188 - Al-Qantara

Volume: 10 **Number:** --- **Pages, Initial:** 21 **final:** 50 **Year:** 1989 **Place of publication:** Madrid (SPAIN) **Key:** Paper

Authors (signature): Calvo, E.

Title: On the construction of the Ibn Baso's universal astrolabe (14th C.)

Journal: 002902 - Journal for the History of the Arabic Science

Volume: --- **Number:** 10 **Pages, Initial:** 53 **final:** 67 **Year:** 1994 **Place of publication:** Alepo (SYRIAN ARAB REPUBLIC) **Key:** Paper

Authors (signature): Calvo, E.

Title: The Transmission of Scientific Ideas in the Field of the Exact Sciences, between Eastern and Western Islam in the Middle Ages. Zaragoza Symposium Report.

Journal: 003962 - Physis. Rivista Internazionale di Storia della Scienza

Volume: 31 **Number:** --- **Pages, Initial:** 317 **final:** 321 **Year:** 1994 **Place of publication:** Florencia (ITALY) **Key:** Paper

Authors (signature): Calvo, E.

Title: Astronomical Theories Related to the sun in Ibn al-Ha'im's al-zij al-kamil

Journal: 006629 - Zeitschrift für Geschichte der Arabisch-Islamischen Wissenschaften

Volume: 12 **Number:** --- **Pages, Initial:** 51 **final:** 111 **Year:** 1998 **Place of publication:** Frankfurt a. M. (GERMANY) **ISSN:** 0179-4639

Key: Paper

Authors (signature): Calvo, E.

Title: A Study of the Use of Ibn Baso's Universal Astrolabe Plate

Journal: 000477 - Archives Internationales d'Histoire des Sciences

Volume: 50 **Number:** 145 **Pages, Initial:** 264 **final:** 295 **Year:** 2000 **Place of publication:** Roma (ITALY) **Key:** Paper

Authors (signature): Calvo, E.

Title: Transformation of coordinates in Ibn Baso's 'al-Risala fi'l-safiha al-mujayyaba dhat al-awtar

Journal: 002902 - Journal for the History of the Arabic Science

Volume: 12 **Number:** --- **Pages, Initial:** 3 **final:** 21 **Year:** 2001 **Place of publication:** Alepo (SYRIAN ARAB REPUBLIC) **Key:** Paper

Authors (signature): Calvo, E.

Title: The Melon-Shaped Astrolabe in Arabic Astronomy. Texts edited with translation and commentary by E.S. Kennedy, P.Kunitzsch and R.P.Lorch. Franz Steiner Verlag, Stuttgart

Journal: 007476 - Suhayl. Journal for the History of the Exact and Natural Sciences in Islam

Volume: 2 **Number:** --- **Pages, Initial:** 420 **final:** 422 **Year:** 2001 **Place of publication:** (SPAIN) **ISSN:** 1576-9372 **Legal Deposit:** B.30182-2000 **Key:** Review

Authors (signature): Calvo, E.

Title: Ihsanoglu, Ekmeleddin (Ed.): Osmanli Musiki Literatürü Tarihi, OMLT (History of Music Literature during the Ottoman Period).

Istanbul: Islam Tarih, Sanat ve Kültür Arastirma Merkezi (Research Centre for Islamic History, Art, and Culture, IRCICA), 2003 (LXXVII+ 479 pages).

Journal: 007476 - Suhayl. Journal for the History of the Exact and Natural Sciences in Islam Ihsanoglu, Ekmeleddin (Ed.) 2 volumes.

Istanbul: Islam Tarih, Sanat ve Kült

Volume: 4 **Number:** --- **Pages, Initial:** 257 **final:** 258 **Year:** 2004 **Place of publication:** (SPAIN) **ISSN:** 1576-9372 **Legal Deposit:** B. 52400-2004 **Key:** Review

Authors (signature): Calvo, E.

Title: Two Treatises on *Miqat* from the Maghrib (14th and 15th Centuries A.D.)

Journal: 007476 - Suhayl. Journal for the History of the Exact and Natural Sciences in Islam

Volume: 4 **Number:** --- **Pages, Initial:** 159 **final:** 206 **Year:** 2004 **Place of publication:** Barcelona (SPAIN) **ISSN:** 1576-9372 **Legal**

Deposit: B. 52400-2004 **Key:** Paper

Authors (signature): Calvo, E.

Title: Ihsanoglu, Ekmeleddin (Ed.): *Osmanli Musiki Literatürü Tarihi, OMLT (History of Music Literature during the Ottoman Period)*. Istanbul: Islam Tarih, Sanat ve Kültür Arastırma Merkezi (Research Centre for Islamic History, Art, and Culture, IRCICA), 2003 (LXXVII+ 479 pages).

Journal: 007476 - Suhayl. *Journal for the History of the Exact and Natural Sciences in Islam* Ihsanoglu, Ekmeleddin (Ed.) 2 volumes. Istanbul: Islam Tarih, Sanat ve Kült

Volume: 4 **Number:** --- **Pages, Initial:** 257 **final:** 258 **Year:** 2004 **Place of publication:** (SPAIN) **ISSN:** 1576-9372 **Legal Deposit:** B. 52400-2004 **Key:** Review

Authors (signature): Calvo, E.

Title: Richard Lorch, *Thabit ibn Qurra On the Sector-Figure and Related Texts Edited with Translation and Commentary byIslamic Mathematics and Astronomy*, 108. Institute for the History of Arabic-Islamic Science, Frankfurt 2001. 461 pp.

Journal: 007476 - Suhayl. *Journal for the History of the Exact and Natural Sciences in Islam*

Volume: 4 **Number:** --- **Pages, Initial:** 257 **final:** 259 **Year:** 2004 **Place of publication:** (SPAIN) **ISSN:** 1576-9372 **Legal Deposit:** B. 52400-2004 **Key:** Review

Authors (signature): Calvo, E.

Title: José Chabás and Bernard R. Goldstein, *Astronomy in the Iberian Peninsula: Abraham Zacut and the Transition from Manuscript to Print Transactions of the American Philosophical Society* 90.2 Philadelphia: American Philosophical Society, 2000 pp. xii + 196

Journal: 204010 - Aestimatio: *Critical reviews in the History of Science. The Institute for research in classical philosophy and Science.* Princeton, NJ, USA

Volume: 1 **Pages, Initial:** 86 **final:** 90 **Year:** 2004 **Place of publication:** Princeton, NJ. (UNITED STATES) **ISSN:** 1549-4470 **Key:** Review

Authors (signature): Calvo, E.

Title: *Science in al-Andalus in the lifetime of Khayyam*

Journal: 205754 - Farhang. *Quarterly Journal of Humanities and Cultural Studies*, Iran.

Volume: 18 **Number:** 53-54 **Pages, Initial:** 329 **final:** 338 **Year:** 2005 **Place of publication:** Teheran (IRAN) **ISSN:** 1017-4117 **Key:** Paper

Authors (signature): Calvo, E.; Puig, R.

Title: *The Universal Plate Revisited*

Journal: 007476 - Suhayl. *Journal for the History of the Exact and Natural Sciences in Islam*

Volume: 6 **Number:** --- **Pages, Initial:** 113 **final:** 157 **Year:** 2006 **Place of publication:** Barcelona (SPAIN) **ISSN:** 1576-9372 **Legal Deposit:** B. 53400-2006 **Key:** Paper

Authors (signature): Calvo, E.

Title: Al-Farghani *On the Astrolabe. Arabic Text Edited with Translation and Commentary by Richard Lorch* Munich, Franz Steiner Verlag, 2005

Journal: 007476 - Suhayl. *Journal for the History of the Exact and Natural Sciences in Islam*

Volume: 6 **Number:** --- **Pages, Initial:** 251 **final:** 253 **Year:** 2006 **Place of publication:** Barcelona (SPAIN) **ISSN:** 1576-9372 **Legal Deposit:** B. 53400-2006 **Key:** Review

Authors (signature): Calvo, E.

Title: *From China to Paris: 2000 Years of Transmission of Mathematical Ideas.* Stuttgart, 2002

Journal: 006629 - *Zeitschrift für Geschichte der Arabisch-Islamischen Wissenschaften* Y. Dold-Samplonius, J. W. Dauben, M. Folkerts, B. van Dalen eds.,

Volume: 17 **Pages, Initial:** 377 **final:** 390 **Year:** 2007 **Place of publication:** Frankfurt a. M. (GERMANY) **ISSN:** 0179-4639 **Key:** Review

Authors (signature): Calvo, E.

Title: Peter E. Pormann & Emily Savage-Smith, *Medieval Islamic Medicine* Edinburgh University Press, 2007

Journal: 007476 - Suhayl. *Journal for the History of the Exact and Natural Sciences in Islam*

Volume: 8 **Number:** --- **Pages, Initial:** --- **final:** --- **Year:** 2008 **Place of publication:** Barcelona (SPAIN) **ISSN:** 1576-9372 **Key:** Review

BOOK PUBLICATIONS

Authors (signature): Calvo, E.

Title: La lámina universal de Ali b. Jalaf en la versión alfonsí y su evolución en instrumentos posteriores

Book: 'Ochava espera' y 'astrofísica'

Volume: --- Number: --- Pages, Initial: 221 **final:** 238 **Year:** 1990 **Place of publication:** Barcelona (SPAIN) **ISBN:** 84-404-7795-3

Legal Deposit: B-32251-90 **Key:** Paper

Authors (signature): Calvo, E.

Title: Les echos de l'oeuvre d'Ibn Baso en Afrique du nord

Book: Le patrimoine andalous dans la culture arabe et espagnole

Volume: --- Number: --- Pages, Initial: 65 **final:** 79 **Year:** 1991 **Place of publication:** Tunes (TUNISIA) **Key:** Paper

Authors (signature): Calvo, E.

Title: La Ciencia en la Granada Nazarí

Book: El Legado Científico Andalusi

Volume: --- Number: --- Pages, Initial: 117 **final:** 126 **Year:** 1992 **Place of publication:** Madrid (SPAIN) **ISBN:** 84-7483-819-6 **Legal**

Deposit: B-10560-92 **Key:** Paper

Authors (signature): Calvo, E.

Title: Abu 'Ali Al-husayn Ibn Baso: Risalat Al-safiha Al-yami'a li-yami' al-'urud

Book: Colección fuentes arábico-hispanas, 13 C.S.I.C.-I.C.M.A.

Volume: --- Number: --- Pages, Initial: --- final: 222+191+6fig. **Year:** 1993 **Place of publication:** Madrid (SPAIN) **ISBN:** 84-00-07224-

3 Legal Deposit: C-715/1993 **Key:** Book

Authors (signature): Calvo, E.; Mielgo, H.

Title: Algunas observaciones en torno a la precisión en la construcción de la lámina universal de Ibn Baso (Granada s. XIII-XIV) según la descripción de al-Fistali (s. XVIII)

Book: J.M. Camarasa, H. Mielgo y A. Roca (Eds.), *I Trobades d'Història de la Ciència i de la Tècnica*

Volume: --- Number: --- Pages, Initial: 119 **final:** 124 **Year:** 1994 **Place of publication:** Barcelona (SPAIN) **Key:** Paper

Authors (signature): Calvo, E.

Title: Ibn Baso's astrolabe in the maghrib and the east

Book: From Baghdad to Barcelona

Volume: --- Number: --- Pages, Initial: 755 **final:** 767 **Year:** 1996 **Place of publication:** Barcelona (SPAIN) **Key:** Paper

Authors (signature): Calvo, E.

Title: Abu-I-Fida'

Book: Encyclopaedia of the History of Science, Technology and Medicine in Non-Western Cultures¹.

Volume: --- Number: --- Pages, Initial: 7 **final:** 8 **Year:** 1997 **Place of publication:** Dordrecht (NETHERLANDS) **Key:** Paper

Authors (signature): Calvo, E.

Title: al-Damiri

Book: Encyclopaedia of the History of Science, Technology and Medicine in Non-Western Cultures¹.

Volume: --- Number: --- Pages, Initial: 247 **final:** 8 **Year:** 1997 **Place of publication:** Dordrecht (NETHERLANDS) **Key:** Paper

Authors (signature): Calvo, E.

Title: Ibn al-Banna'

Book: Encyclopaedia of the History of Science, Technology and Medicine in Non-Western Cultures¹.

Volume: --- Number: --- Pages, Initial: 404 **final:** 8 **Year:** 1997 **Place of publication:** Dordrecht (NETHERLANDS) **Key:** Paper

Authors (signature): Calvo, E.

Title: Ibn al-Baytar

Book: Encyclopaedia of the History of Science, Technology and Medicine in Non-Western Cultures¹.

Volume: --- Number: --- Pages, Initial: 404 **final:** 405 **Year:** 1997 **Place of publication:** Dordrecht (NETHERLANDS) **Key:** Paper

Authors (signature): Calvo, E.
Title: Ibn al-Zarqalluh
Book: Encyclopaedia of the History of Science, Technology and Medicine in Non-Western Cultures'.
Volume: --- Number: --- Pages, Initial: 415 final: 416 Year: 1997 Place of publication: Dordrecht (NETHERLANDS) Key: Paper

Authors (signature): Calvo, E.
Title: Ibn Hawqal
Book: Encyclopaedia of the History of Science, Technology and Medicine in Non-Western Cultures'.
Volume: --- Number: --- Pages, Initial: 419 final: 419 Year: 1997 Place of publication: Dordrecht (NETHERLANDS) Key: Paper

Authors (signature): Calvo, E.
Title: Ibn Juljul
Book: Encyclopaedia of the History of Science, Technology and Medicine in Non-Western Cultures'.
Volume: --- Number: --- Pages, Initial: 421 final: 421 Year: 1997 Place of publication: Dordrecht (NETHERLANDS) Key: Paper

Authors (signature): Calvo, E.
Title: Ibn Tibbon
Book: Encyclopaedia of the History of Science, Technology and Medicine in Non-Western Cultures'.
Pages, Initial: 437 final: 437 Year: 1997 Place of publication: Dordrecht (NETHERLANDS) Key: Paper

Authors (signature): Calvo, E.
Title: Ibn Wafid
Book: Encyclopaedia of the History of Science, Technology and Medicine in Non-Western Cultures'.
Volume: --- Number: --- Pages, Initial: 438 final: 438 Year: 1997 Place of publication: Dordrecht (NETHERLANDS) Key: Paper

Authors (signature): Calvo, E.
Title: al-Majriti
Book: Encyclopaedia of the History of Science, Technology and Medicine in Non-Western Cultures'.
Volume: --- Number: --- Pages, Initial: 547 final: 547 Year: 1997 Place of publication: Dordrecht (NETHERLANDS) Key: Paper

Authors (signature): Calvo, E.
Title: Yahya b. Abi Mansur
Book: Encyclopaedia of the History of Science, Technology and Medicine in Non-Western Cultures'.
Volume: --- Number: --- Pages, Initial: 1043 final: 1043 Year: 1997 Place of publication: Dordrecht (NETHERLANDS) Key: Paper

Authors (signature): Calvo, E.
Title: La resolution graphique des questions astrologiques à al-Andalus
Book: *Histoire des Mathématiques Arabes*
Volume: --- Number: --- Pages, Initial: 31 final: 44 Year: 1998 Place of publication: Alger (ALGERIA) Key: Paper

Authors (signature): Calvo, E.
Title: Analysis of six geometrical models to calculate the length of the solar year in Ibn al-Ha'im's *al-Zij al-Kamil fi'l-ta'alim*
Book: *Histoire des Mathématiques Arabes*
Volume: --- Number: --- Pages, Initial: 27 final: 39 Year: 1998 Place of publication: Tunes (TUNISIA) Key: Book chapter

Authors (signature): Calvo, E.; Comes, M.; Forcada, M.; Puig, R.
Title: Introducció a la llengua àrab
Publisher: Publicacions i Edicions de la Universitat de Barcelona
Volume: --- Number: --- Pages, Initial: --- final: --- Year: 2000 Place of publication: Barcelona (SPAIN) ISBN: 84-475-2979-7 Legal Deposit: B-47.009-2000 Key: Book
Authors (signature): Calvo, E.
Title: Ibn al-Kammad's astronomical work in Ibn al-Ha'im's *al-Zij al-Kamil fi-l-ta'alim*
Book: *Science and Technology in the Islamic World*
Volume: XXI Number: --- Pages, Initial: 109 final: 120 Year: 2002 Place of publication: Turnhout (BELGIUM) ISBN: 2-503-51415-5 Key: Paper

Authors (signature): Calvo, E.

Title: Ibn Aflah

Book: Diccionario De Autores y Obras Andalusíes (D.A.O.A.) Junta de Andalucía (Ed. El Legado andalusí)Tomo I: A-Ibn B)

Volume: 1 **Number:** --- **Pages, Initial:** 420 **final:** 421 **Year:** 2002 **Place of publication:** Granada (SPAIN) **ISBN:** 8493205168

Key: Book chapter

Authors (signature): Calvo, E.

Title: Ibn Badr

Book: Diccionario De Autores y Obras Andalusíes (D.A.O.A.) Junta de Andalucía (Ed. El Legado andalusí)Tomo I: A-Ibn B)

Volume: 1 **Number:** --- **Pages, Initial:** 556 **final:** 557 **Year:** 2002 **Place of publication:** Granada (SPAIN) **ISBN:** 8493205168 **Key:**

Book chapter

Authors (signature): Calvo, E.

Title: Abk 'Ali Ibn Basuh

Book: Diccionario De Autores y Obras Andalusíes (D.A.O.A.) Junta de Andalucía (Ed. El Legado andalusí)Tomo I: A-Ibn B)

Volume: 1 **Number:** --- **Pages, Initial:** 599 **final:** 601 **Year:** 2002 **Place of publication:** Granada (SPAIN) **ISBN:** 84-932051-6-8 **Key:**

Book chapter

Authors (signature): Calvo, E.

Title: La labor de difusión de la cultura árabe por parte de Alfonso X y su contribución a la formación del lenguaje científico. *Los Libros del Saber de Astronomía*

Book: La civilización Islámica en al-Andalus y los aspectos de tolerancia

Volume: --- **Number:** --- **Pages, Initial:** 27 **final:** 42 **Year:** 2003 **Place of publication:** Casablanca (MORROCCO) **ISBN:** 9954-8385-0-3 **Legal Deposit:** 1579-2003 **Key:** Paper

Authors (signature): Calvo, E.

Title: En tomo a los inicios de la actividad científica en lengua árabe

Book: Actes de la VII Trobada d'Història de la Ciència i de la Tècnica

Volume: --- **Number:** --- **Pages, Initial:** 497 **final:** 503 **Year:** 2003 **Place of publication:** Barcelona (SPAIN) **ISBN:** 84-7283-710-6

Legal Deposit: B. 50359-2003 **Key:** Paper

Authors (signature): Calvo, E.

Title: Transformation of Coordinates in Ibn Baso's *Risala al-Safiha al-Mujayyaba dhat al-awtar (II)*.

Book: Proceedings of the sixth International Symposium for the History of Arabic Sciences (Ra's al-Jayma -E.A.U.- december, 1996).

Volume: --- **Number:** --- **Pages, Initial:** 33 **final:** 52 **Year:** 2003 **Place of publication:** Aleppo (SYRIAN ARAB REPUBLIC) **Key:** Book chapter

Authors (signature): Calvo, E.

Title: The treatise on the Zij al-Safa'ih by Abu Ja'far al-Khazin. A preliminary study

Book: *Sciences, techniques et instruments dans le monde iranien*

Volume: --- **Number:** --- **Pages, Initial:** 65 **final:** 74 **Year:** 2004 **Place of publication:** Teheran (IRAN) **ISBN:** 2-909961-33-6 **Key:**

Book chapter

Authors (signature): Calvo, E.

Title: Ibn Hayy, al-Husayn [nº 571]

Book: Enciclopedia de la Cultura Andalusí. Biblioteca de Al-Andalus: De Ibn al-Dabbag a Ibn Kurz. Dirección y edición Jorge Lirola Delgado y José Miguel Puerta Vilchez. Fundación Ibn Tufayl de Estudios Arabes.

Volume: 3 **Number:** --- **Pages, Initial:** 329 **final:** 330 **Year:** 2004 **Place of publication:** Almería (SPAIN) **ISBN:** 84-934026-1-3 **Legal**

Deposit: AL-279-2004 **Key:** Book chapter

Authors (signature): Emilia Calvo

Title: 'Ibn Ishaq al-Yamuri, Abu I-Hasan'[nº 656]

Book: Enciclopedia de la Cultura Andalusí. Biblioteca de al-Andalus: De Ibn al-Dabbag a Ibn Kurz. Dirección y edición Jorge Lirola Delgado y José Miguel Puerta Vilchez. Fundación Ibn Tufayl de Estudios Arabes. ,

Volume: 3 **Number:** --- **Pages, Initial:** 539 **final:** 539 **Year:** 2004 **Place of publication:** Almería (SPAIN) **ISBN:** 84-934026-1-3 **Legal**

Deposit: AL-279-2004 **Key:** Book chapter

Authors (signature): Calvo, E.

Title: Ibn Jatab al-Muradi, Bakr [n° 700]

Book: Enciclopedia de la Cultura Andalusí. Biblioteca de al-Andalus: De Ibn al-Dabbag a Ibn Kurz. Dirección y edición Jorge Lirola Delgado y José Miguel Puerta Vilchez. Fundación Ibn Tufayl de Estudios Arabes. ,

Volume: 3 **Number:** --- **Pages, Initial:** 639 **final:** 639 **Year:** 2004 **Place of publication:** Almería (SPAIN) **ISBN:** 84-934026-1-3 **Legal Deposit:** AL-279-2004 **Key:** Book chapter

Authors (signature): Calvo, E.

Title: Zacuto, Abraham

Book: Medieval Science, Technology and Medicine: An Encyclopedia. Edited by: Thomas F. Glick, Steven Livesey, Faith Wallis

Publisher: Routledge

Volume: --- **Number:** --- **Pages, Initial:** 525 **final:** 526 **Year:** 2005 **Place of publication:** London (ENGLAND) **ISBN:** 0415969301 **Key:** Paper

Authors (signature): Calvo, E.

Title: Deux Traités de *Miqat* Maghrébins des VIIIème - IXème siècles H. (XIVe et XVe siècles J.C.)

Book: Actes du 7ème Colloque Maghrébin sur l'Histoire des Mathématiques Arabes (Marrakech, 30 de mai - 1 de juin 2002) 2 vols.

Volume: 1 **Number:** --- **Pages, Initial:** 61 **final:** 80 **Year:** 2005 **Place of publication:** Marrakech (MOROCCO) **ISBN:** --- **Legal**

Deposit: 1311/2005 **Key:** Paper

Authors (signature): Calvo, E.; Puig, R.

Title: Andalusian Improvements in the Field of Astronomical Instruments. Materials and Perspectives

Book: Actes du Huitième Colloque Maghrébin d'Histoire des Mathématiques Arabes (Rades, Tunis, 18-20 de decembre 2004.)

Volume: --- **Number:** --- **Pages, Initial:** 123 **final:** 130 **Year:** 2006 **Place of publication:** Tunes (TUNISIA) **ISBN:** 9973-9778-2-3 **Key:** Book chapter

Authors (signature): Calvo, E.; Casulleras, J.

Title: Ibn Mu'ad al-Yayyani [n° 819]

Book: Enciclopedia de la Cultura Andalusí. Biblioteca de Al-Andalus: De Ibn al-Labbana a Ibn al-Ruyulí. Dirección y edición Jorge Lirola Delgado y José Miguel Puerta Vilchez. Fundación Ibn Tufayl de Estudios Arabes.

Volume: 4 **Number:** --- **Pages, Initial:** 197 **final:** 201 **Year:** 2006 **Place of publication:** Almería (SPAIN) **ISBN:** 84-934026-2-1 **Legal**

Deposit: AL-107-2005 **Key:** Book chapter

Authors (signature): Calvo, E.

Title: Un traité d'Ibn Baso sur la tablette universelle pour toutes les latitudes

Book: Etudes d'histoire des sciences arabes

Volume: --- **Number:** --- **Pages, Initial:** 83 **final:** 98 **Year:** 2007 **Place of publication:** Casablanca (MOROCCO) **ISBN:** 9954-0-3584-2 **Legal**

Deposit: 2007/300 **Key:** Book chapter

Authors (signature): Calvo, E.

Title: Ibn Baso

Book: Biographical Encyclopedia of Astronomers.

Publisher: Springer

Volume: 2 **Number:** --- **Pages, Initial:** 552 **final:** 553 **Year:** 2007 **Place of publication:** New York (UNITED STATES) **ISBN:** 978-0-387-35133-9 **Key:** Book chapter

Authors (signature): Calvo, E.

Title: Ibn Muadh

Book: Biographical Encyclopedia of Astronomers.

Publisher: Springer

Volume: 2 **Number:** --- **Pages, Initial:** 562 **final:** 563 **Year:** 2007 **Place of publication:** New York (UNITED STATES) **ISBN:** 978-0-387-35133-9 **Key:** Book chapter

Authors (signature): Calvo, E.

Title: Jabir ibn Aflah

Book: Biographical Encyclopedia of Astronomers.

Publisher: Springer

Number or authors: 1

Volume: 2 **Number:** --- **Pages, Initial:** 581 **final:** 582 **Year:** 2007 **Place of publication:** New York (UNITED STATES) **ISBN:** 978-0-387-35133-9 **Key:** Book chapter

Authors (signature): Calvo, E.

Title: Khazin

Book: Biographical Encyclopedia of Astronomers.

Publisher: Springer

Number or authors: 1

Volume: 2 **Number:** --- **Pages, Initial:** 628 **final:** 629 **Year:** 2007 **Place of publication:** New York (UNITED STATES) **ISBN:** 978-0-387-35133-9 **Key:** Book chapter

Authors (signature): Giné, Núria Alegret i Jordà; Bernat, M.; Calvo, R.; Carbonell Camós, E.; Centellas i Masuet, T.; Fonrodona Baldajos, F.; Honrubia Pérez, G.; Olivé, Carmina Pallás, M.; Lliberia, M.

Title: Aplicació de la carpeta d'aprenentatge a la Universitat

Book: Quaderns de docència universitària 10

Publisher: ICE de la Universitat de Barcelona

Number or authors: 9

Volume: 10 **Number:** --- **Pages, Initial:** --- **final:** --- **Year:** 2007 **Place of publication:** Barcelona (SPAIN) **ISBN:** 1988-1894 **Legal Deposit:** B-38.681-2007 **Key:** Book

Authors (signature): Calvo, E.; Comes, M.; Rius, M.; Puig, R. (eds.)

Title: A Shared Legacy. Arabic Science East and West

Publisher: Publicacions i Edicions de la UB

Volume: --- **Number:** --- **Pages, Initial:** --- **final:** --- **Year:** 2008 **Place of publication:** Barcelona (SPAIN) **ISBN:** 978-84-475-3285-8

Legal Deposit: B-45.163-2008 **Key:** Editor

Authors (signature): Emilia Calvo

Title: Miqat in Ibn Baso's Risalat al-safiha al-mujayyaba dhat al-awtar

Book: A Shared Legacy. Arabic Science East and West

Publisher: Publicacions i Edicions de la UB

Volume: --- **Number:** --- **Pages, Initial:** 151 **final:** 174 **Year:** 2008 **Place of publication:** Barcelona (SPAIN) **ISBN:** 978-84-475-3285-8

Legal Deposit: B-45.163-2008 **Key:** Book chapter

Authors (signature): Calvo, E.; Díaz Fajardo, M.

Title: Aplicación de las nuevas tecnologías a la enseñanza del Árabe en la Universidad: El proyecto Árabe en Línea (AeL) del GIDC Luga de la UB

Book: Arabe le

Volume: --- **Number:** --- **Pages, Initial:** 1 **final:** 15 **Year:** 2010 **Place of publication:** Madrid (SPAIN) **Key:** Paper

Authors (signature): Emilia Calvo

Title: Ibn Aflah, Abu Bakr [nº 263]

Book: Enciclopedia de la Cultura Andalusí. Biblioteca de al-Andalus: De Ibn Adha a Ibn Busra. Dirección y edición Jorge Lirola Delgado y José Miguel Puerta Vilchez. Fundación Ibn Tufayl de Estudios Arabes. ,

Volume: 2 **Number:** --- **Pages, Initial:** 37 **final:** 39 **Year:** 2009 **Place of publication:** Almería (SPAIN) **ISBN:** 978-84-934026-6-2

Legal Deposit: AL-487-2009 **Key:** Book chapter

Authors (signature): Emilia Calvo

Title: Ibn Arfa' Ra'sahu, Abu I-Hasan [nº 301]

Book: Enciclopedia de la Cultura Andalusí. Biblioteca de al-Andalus: De Ibn Adha a Ibn Busra. Dirección y edición Jorge Lirola Delgado y José Miguel Puerta Vilchez. Fundación Ibn Tufayl de Estudios Arabes. ,

Volume: 2 **Number:** --- **Pages, Initial:** 332 **final:** 334 **Year:** 2009 **Place of publication:** Almería (SPAIN) **ISBN:** 978-84-934026-6-2

Legal Deposit: AL-487-2009 **Key:** Book chapter

Authors (signature): Emilia Calvo

Title: Ibn Badr, Abu Abd Allah [nº 373]

Book: Enciclopedia de la Cultura Andalusí. Biblioteca de al-Andalus: De Ibn Adha a Ibn Busra. Dirección y edición Jorge Lirola Delgado y José Miguel Puerta Vilchez. Fundación Ibn Tufayl de Estudios Arabes. ,

Volume: 2 **Number:** --- **Pages, Initial:** 497 **final:** 498 **Year:** 2009 **Place of publication:** Almería (SPAIN) **ISBN:** 978-84-934026-6-2

Legal Deposit: AL-487-2009 **Key:** Book chapter

Authors (signature): Emilia Calvo

Title: Ibn Basuh, Abu Ali [nº 397]

Book: Enciclopedia de la Cultura Andalusí. Biblioteca de al-Andalus: De Ibn Adha a Ibn Busra. Dirección y edición Jorge Lirola Delgado y José Miguel Puerta Vilchez. Fundación Ibn Tufayl de Estudios Arabes. ,

Volume: 2 Number: --- Pages, Initial: 595 final: 598 Year: 2009 Place of publication: Almería (SPAIN) ISBN: 978-84-934026-6-2

Legal Deposit: AL-487-2009 **Key:** Book chapter

RESEARCH STAYS ABROAD

Center: Universitat de El Caire

Place: El Caire **Country:** EGYPT **Year:** 1986 **Duration:** 09M

Issue: Llengua Arab

Key: Ph.D. Student

Center: Institut für Geschichte der Naturwissenschaften Universität Goethe.

Place: Frankfurt **Country:** GERMANY **Year:** 1991 **Duration:** 04M

Issue: Instrumentos astronómicos universales

Key: Ph.D. Student

Center: Center for Philosophy of Science Department of History and Philosophy of Science. University of Pittsburgh

Place: Pittsburgh **Country:** UNITED STATES **Year:** 1992 **Duration:** 06M

Issue: El modelo solar en Ibn Al-Haim

Key: Postdoctoral

CONFERENCES

Authors: Calvo, E.

Title: La resolution graphique des questions astrologiques a Al-andalus

Kind of participation: Invited conference

Conference: Troisième Colloque Maghrébin International sur L'Histoire des Mathématiques Arabes

Place of celebration: Tipaza (ALGERIA) **Year:** 1990

Authors: Calvo, E.

Title: Ibn Baso's Universal Plate and its Influence on European Astronomy

Kind of participation: Invited conference

Conference: III International Conference on the History of Science in Europe

Place of celebration: Bruselas (BELGIUM) **Year:** 1991

Authors: Calvo, E.

Title: Sur un traite inconnu d'Ibn Baso

Kind of participation: Invited conference

Conference: Quatrième Colloque Maghrébin International sur L'Histoire des Mathématiques Arabes

Place of celebration: Fez (MOROCCO) **Year:** 1992

Authors: Calvo, E.

Title: Ibn al-Zarqalluh's solar model in ibn al-hàim's ziy

Kind of participation: Invited conference

Conference: XVII Congrés Internacional d'Història de la Ciència Àrab

Place of celebration: Al-suwayda (SYRIAN ARAB REPUBLIC) **Year:** 1993

Authors: Calvo, E.
Title: Analysis of Six Geometrical Models to Calculate the Length of the Solar Year
Kind of participation: Invited conference
Conference: 5th Maghribian Symposium on the History of Arabic Mathematics
Place of celebration: Tunes (TUNISIA) **Year:** 1994

Authors: Calvo, E.
Title: L'évolution des modèles astronomiques à al-Andalus et au Maghrib: Ibn al-Zargalluh et Ibn al-Haim sur la théorie solaire
Kind of participation: Invited conference
Conference: I Coloquio hispano-marroquí de Historia de las Ciencias en al-Andalus
Place of celebration: Chaouen (MORROCCO) **Year:** 1996

Authors: Calvo, E.
Title: Ciencia y sociedad en la Baja Edad Media
Kind of participation: Round table
Conference: 12 simposio de la Sociedad Española de Estudios Arabes
Publication:
Number of authors:
Place of celebration: Barcelona (SPAIN) **Year:** 2005

Authors: Calvo, E.
Title: A Shared Legacy Islamic Science east and West
Kind of participation: Participation in organizer committee
Conference: Un l'legat Compartit Ciència Islàmica a Orient i Occident
Place of celebration: Barcelona (SPAIN) **Year:** 2007

Authors: Calvo, E.
Title: 'Islamic Science in context: Texts, Instruments, Locales and Institutions'
Kind of participation: Chair of session
Conference: XXIII International Congress of History of Science and Technology Symposium 'Islamic Science in context: Texts, Instruments, Locales and Institutions' Budapest, 2009
Place of celebration: Budapest (HUNGARY) **Year:** 2009

SCIENTIFIC/TECHNICAL ACTIVITIES RESEARCH TOPICS OR DEVELOPMENT LINES

Line: Instrumentos astronómicos universales en Al-andalus
Center: Dept. Filología Semítica, Universidad de Barcelona **Dates:** 1988 - 1990
Keywords: 008561 - Azarquiel / 016396 - Astrolabio / 016397 - Azafea

Line: Astrología en los tratados andalusíes de uso de instrumentos astronómicos
Center: Universidad de Barcelona **Dates:** 1990 -
Keywords: 016399 - Astrología / 016400 - Tasyir / 016401 - División de casas astrológicas

Line: Instrumentos universales en Al-andalus y en Europa
Center: Institut fur Geschichteder naturwissenschaften **Dates:** 1991 -
Keywords: 016396 - Astrolabio / 016398 - Horizonte universal

Line: El modelo del sol en el 'Ziy' de Ibn Al-Haim
Center: Center for Philosophy of Science (Pittsburgh) **Dates:** 1992 -
Keywords: 000198 - Astronomía / 016403 - Modelos planetarios

Line: Laminas trigonométricas para cálculos de astronomía esférica en al-Andalus
Center: Departamento de filología Semítica (Universidad de Barcelona) **Dates:** 1996 -
Keywords: 000198 - Astronomía / 016396 - Astrolabio

Line: La astronomía aplicada a la religión: Tratados de miqat en el Norte de Africa. Ibn al-Banna y al-yadiri.
Center: Departamento de filología Semítica (Universidad de Barcelona) **Dates:** 1999 -
Keywords: 000198 - Astronomía / 203232 - Astronomía magrebí / 033567 - Ciència al servei de l'Islam / 033376 - Matemàtiques. Història

Line: Instrumentos astronómicos universales: La lámina universal de Ali b. Jalaf en la traducción alfonsí.
Center: Departamento de filología Semítica (Universidad de Barcelona) **Dates:** 2002 -
Keywords: 033566 - Instruments d'astronomia / 033376 - Matemàtiques. Història / 016398 - Horizonte universal / 008591 - Astronomía hispano-árabe / 203180 - Instruments astronòmics àrabs / 002187 - Alfonso X

SUPERVISED PH.D.-THESES

Title: Tasyir y proyeccion de rayos en textos astrológicos magrebíes

Ph.D. candidate: Montse Díaz Fajardo

University: Universidad de Barcelona

Faculty / School: Facultad de Filología

Year: 2008 **Mark:** **Excel-lent cum laude **Key:** **Tesi Doctoral

OTHER ACTIVITIES ON SCIENCE, TECHNICS OR ACADEMICS

Activity: D. King, Los cuadrantes solares andalusíes en 'El legado científico andalusí' (Catálogo de la exposición llevada en el Museo Arqueológico de Madrid. Abril-Junio, 1992) pp. 89-102.

Dates: 1992 -

Broad field: National

Classification: Translations

Activity: O. Gingerich, La astronomía en el tiempo de Colón. 'Scientific American'. enero, 1993, pp. 6-11.

Dates: 1993 -

Broad field: National

Classification: Translations

Activity: Academie Internationale d'Histoire des Sciences

Dates: 01/05/2002 -

Broad field: International

Classification: Member of Institution

Activity: Arab en Línia

Dates: 01/01/2004 -

Broad field: International

Classification: Elaboration of teaching material

Activity: Organización de Congreso Internacional: A Shared Legacy Islamic Science east and West (Un llegat Compartit Ciència Islàmica a Orient i Occident)" Barcelona

Dates: 11/04/2007 - 14/04/2007

Broad field: International

Classification: Not specified

Activity: Món Àrab i Islàmic

Dates: 2008 - 2010

Broad field: National

Classification: Graduate Courses - Directed

Activity: 'Historia de la Ciencia' en el Máster 'Món Àrab i Islàmic'

Dates: 2008 - 2010

Broad field: National

Classification: Graduate Courses - Taught

Activity: Miembro del editorial Board de la revista Suhayl

Dates: 1999 -

Broad field: International

Classification: Not specified

Activity: Docencia de 'Pensamiento y Ciencia en el Islam': Master interuniversitario 'Història de la Ciència: Ciència Història i Societat'
Dates: 01/09/2006 -
Broad field: National
Classification: Graduate Courses - Taught

Activity: Docencia de 'Los procesos de transmisión de la Ciencia en la Edad Media': Master interuniversitario 'Història de la Ciència: Ciència Història i Societat'
Dates: 01/09/2008 -
Broad field: National
Classification: Graduate Courses - Taught

Activity: Secretaria académica del Departamento de Filología Semítica
Dates: 05/2006 - 22/11/2009
Broad field: National
Classification: Post

Activity: Directora del Departamento de Filología Semítica
Dates: 23/11/2009 -
Broad field: National
Classification: Post

Activity: Vicepresident of the Comission on History of Science and Technology in Islamic Societies
Dates: 23/04/2010 -
Broad field: International
Classification: Post

LECTURES

Title: On some characteristics of Ibn Baso's Universal plate
Place: Frankfurt **Country:** GERMANY **Date:** 1991
Name of the event: Curso sobre instrumentos astronómicos (Institut fur Geschichte der naturw)

Title: Ibn baso's influence on european astronomy
Place: Pittsburgh **Country:** UNITED STATES **Date:** 1992
Name of the event: Lunch time colloquium (Center for Philosophy of Science)

Title: Las teorías solares en la historia de la astronomía árabe
Place: Alicante **Country:** SPAIN **Date:** 1995
Name of the event: Jornadas *Astronomía: un enfoque histórico* Instituto de cultura Juan Gil-Albert

Title: Andalusian improvements in the field of astronomical instruments. Materials and perspectives
Place: Barcelona **Country:** SPAIN **Date:** 11/11/2004
Name of the event: Workshop on History of Arabic Science. Univ. Barcelona 9-12/11/2004

Title: Proyectos y líneas de investigación del Departamento de Estudios Arabes e Islámicos de la Universidad de barcelona
Place: Almería **Country:** SPAIN **Date:** 20/11/2004
Name of the event: V Simposio de la Sociedad Española de Estudios Arabes. 20-22/11/1998

Title: Astronomical Calculations by means of trigonometric instruments. The Treatise on the use of the plate of sines provided with chords by Ibn Baso (13th -14th Century)
Place: Toulouse **Country:** FRANCE **Date:** 13/06/2008
Name of the event: Conferencia de clausura del curso. Faculté de Mathématiques. Université Paul Sabatier. Toulouse

Title: The Impact of Teaching and Research on Arabic-Islamic Science at the **University of Barcelona** (1931-2010)
Place: London **Country:** Great Britain **Date:** 24/05/2010
Name of the event: 1001 Inventions: Discover the Muslim Heritage in our World Grand International Launch of Exhibition & Conference Science Museum London, May 25-26th, 2010.

CONFERENCES

Authors: Calvo, E.
Title: Les echos de l'oeuvre d'Ibn Baso en Afrique du nord
Kind of participation: Presentation of communication
Conference: VII Colloque Universitaire Tuniso-Espagnol: Le Patrimoine Andalous dans la Culture Arabe et Espagnole.
Place of celebration: Túnez (TUNISIA) **Year:** 1989

Authors: Calvo, E.
Title: On the Construction of the Ibn Baso's Universal Astrolabe according to a Moroccan Astronomer of the 18th century
Kind of participation: Presentation of communication
Conference: XVIIIth International Congress of History of Science
Publication:
Number of authors:
Place of celebration: Hamburgo-Munich (GERMANY) **Year:** 1989

Authors: Calvo, E.; Mielgo, H.
Title: Algunas observaciones en torno a la construcción de la lámina de Ibn Baso
Kind of participation: Presentation of communication
Conference: Trobades Científiques de la Mediterrània, 1991. Història de la Ciència i de la Tècnica als Països Catalans
Place of celebration: Mahón (SPAIN) **Year:** 1991

Authors: Calvo, E.
Title: Las proyecciones utilizadas para la construcción de instrumentos astronómicos universales andalusíes.
Kind of participation: Presentation of communication
Conference: 'Reunión Franco-española de Historia de las Matemáticas'
Publication:
Number of authors:
Place of celebration: Madrid (SPAIN) **Year:** 1991

Authors: Calvo, E.
Title: La evolución de los instrumentos astronómicos universales y su proyección en Europa
Kind of participation: Presentation of communication
Conference: 'Al-Andalus encuentro de tres mundos: Europa, Mundo Árabe y América'
Place of celebration: Sevilla (SPAIN) **Year:** 1991

Authors: Calvo, E.
Title: Ibn Baso's Astrolabe in the the Maghrib and the East
Kind of participation: Presentation of communication
Conference: XIX International Congress of history of science
Place of celebration: Zaragoza (SPAIN) **Year:** 1993
Authors: Calvo, E.
Title: Ibn al-Kammad's Astronomical work in Ibn al-Ha'im's al-zij al-kamil
Kind of participation: Presentation of communication
Conference: XXth International Congress of History os Science
Place of celebration: Lieja (BELGIUM) **Year:** 1997

Authors: Calvo, E.
Title: The zij al-safa'ih of Abu ya'far al-jazin. A preliminary study
Kind of participation: Presentation of communication
Conference: II internacional colloquium on science in the iranian world
Place of celebration: Teheran (IRAN) **Year:** 1998

Authors: Calvo, E.
Title: Science in al-Andalus in the lifetime of Omar khayyam
Kind of participation: Presentation of communication
Conference: International Congress in commemoration of Hakim Omar Khayyam Neyshaboury
Place of celebration: Neyshapur (IRAN) **Year:** 2000

Authors: Calvo, E.; Puig, R.
Title: The Universal Plate Revisited
Kind of participation: Presentation of communication
Conference: XXI International Congress on History of Science
Place of celebration: Mejico (MEXICO) **Year:** 2001

Authors: Calvo, E.
Title: La labor de difusión de la cultura árabe por Alfonso X y su contribución a la formación del lenguaje científico: Los Libros del Saber de Astronomía
Kind of participation: Presentation of communication
Conference: La civilización islámica en al-Andalus y los aspectos de tolerancia
Place of celebration: Rabat (MOROCCO) **Year:** 2002

Authors: Calvo, E.
Title: La permanence des Traités de Miqat au Maghrib : VIIIe - IXe siècles H. /XIVe - XVe siècles J.C.
Kind of participation: Presentation of communication
Conference: 7ème Colloque Maghrébin d'Histoire des Mathématiques Arabes (Marrakech, Maroc, 30 de maig - 1 de juny 2002.
Place of celebration: Marrakesh (MOROCCO) **Year:** 2002

Authors: Calvo, E.; Puig, R.
Title: Andalusian Improvements in the Field of Astronomical Instruments. Materials and Perspectives
Kind of participation: Presentation of communication
Conference: 8ème Colloque Maghrébin d'Histoire des Mathématiques Arabes (Tunis, 18-20 de diciembre 2004.
Place of celebration: Tunis (TUNISIA) **Year:** 2004

Authors: Calvo, E.
Title: Ibn al-Shatir on the universal plates. Andalusian universal instruments (11th C.) and its reception in the Islamic East in the 14th C.
Kind of participation: Presentation of communication
Conference: 22nd International Congress of History of Science
Place of celebration: Pekin (CHINA) **Year:** 2005

Authors: Rius, M.; Calvo, E.; Puig, R.; Comes, M.
Title: Arab en Línia
Kind of participation: Poster
Conference: IV Congrés Internacional de Docència Universitària e Innovació, 5-7 juliol
Place of celebration: Barcelona (SPAIN) **Year:** 2006

Authors: Calvo, E.
Title: Miqat in Ibn Baso's *al-Risala al mujayyaba dhat al-awtar*
Kind of participation: Presentation of communication
Conference: A Shared Legacy Islamic Science east and West (Un llegat Compartit Ciència Islàmica a Orient i Occident)"
Place of celebration: Barcelona (SPAIN) **Year:** 2007

Authors: Calvo, E.

Title: Trigonometric plates for astronomical calculations East and West. Ibn Baso (Granada 13th C.) and Ibn al-Shatir (Damascus 14th C).

Kind of participation: Presentation of communication

Conference: IX Symposium on the History of arabic Science. Damascus 28-30 october 2008

Place of celebration: Damasco (SYRIAN ARAB REPUBLIC) **Year:** 2008

Authors: Rius, M.; Calvo, E.; Puig, R.; Comes, M.

Title: ÀRAB EN LÍNIA: UN EXEMPLE D'INNOVACIÓ EN DOCÈNCIA DE LLENGUA ESTRANGERA'

Kind of participation: Presentation of communication

Conference: V Congrés Internacional de Docència Universitària i Innovació,

Place of celebration: LLeida (SPAIN) **Year:** 2008

Authors: Calvo, E.

Title: 'Aprendre llengua Àrab practicant'

Kind of participation: Presentation of communication

Conference: Jornada d'Intercanvi d'Experiències d'Innovació Docent 'Innovar en docència en les pràctiques i en el pràcticum'

Place of celebration: Barcelona (SPAIN) **Year:** 2008

Authors: Calvo, E.

Title: Trigonometric Instruments in Medieval Islam. New Perspectives and Possibilities

Kind of participation: Presentation of communication

Conference: XXIII International Congress of History of Science and Technology Symposium 'Islamic Science in context: Texts, Instruments, Locales and Institutions' Budapest, 2009

Place of celebration: Budapest (HUNGARY) **Year:** 2009

Authors: Calvo, E.; Díaz-Fajardo, M.

Title: Aplicación de las nuevas tecnologías a la enseñanza del árabe en la Universidad: El proyecto "Árabe en Línea" (AeL) del GIDC "Luga" de la UB

Kind of participation: Presentation of communication

Conference: Arabele2009. Congreso Internacional sobre Enseñanza del Árabe como Lengua Extranjera

Place of celebration: Madrid (SPAIN) **Year:** 2009

Authors: Calvo, E.

Title: Un exemple de l'application des mathematiques a l'astronomie: Les instruments trigonométriques et leurs applications aux calculs astronomiques

Kind of participation: Presentation of communication

Conference: 10th Maghrebian Colloquium on the History of Arab Mathematics (Tunis, Mai 29-31, 2010)

Place of celebration: Tunis **Year:** 2010

RESEARCH PROJECTS AND CONTRACTS

Title of the project / contract: La astronomía de Alfonso X, sus fuentes árabes y su influencia en Europa

Kind of contract/Program: SPGC - Programa Nacional de Promoción General del Conocimiento

Financing Firm/administration: CAYC - CAYCIT (Comisión Asesora de Investigación Científica y Técnica. Ministerio de Educación y Ciencia).

Number of the project / contract: 2769 **Amount:** 56.795,64 **Duration, since:** 1984 **Until:** 1987

Main researcher: Juan Vernet Gines

Number of researchers participating: 7

Keywords: 004357 - Astronomía árabe / 008591 - Astronomía hispano-árabe / 008546 - Historia de la astronomía

Code of the project / contract: 021690 **Order:** 001

Title of the project / contract: Astronomía teórica y tablas astronómicas en al-Andalus en los siglos X y XI

Kind of contract/Program: SPGC - Programa Nacional de Promoción General del Conocimiento

Financing Firm/administration: SEUI - Secretaría de Estado de Universidades e Investigación

Number of the project / contract: PB91-0246 **Amount:** 38.765,28 **Duration, since:** 1992 **Until:** 1995

Main researcher: Julio Samso Moya

Number of researchers participating: 12

Keywords: 000059 - Al-Andalus / 014534 - Tablas / 000198 - Astronomía

Code of the project / contract: 010376 **Order:** 002

Title of the project / contract: Astronomía teórica y tablas astronómicas en Al-Andalus y el Magrib en los siglos XII-XIV
Kind of contract/Program: SPGC - Programa Nacional de Promoción General del Conocimiento
Financing Firm/administration: SEUI - Secretaría de Estado de Universidades e Investigación
Number of the project / contract: PB95-0040 **Amount:** 39.065,79 **Duration, since:** 1996 **Until:** 1999
Main researcher: Julio Samsó Moya
Number of researchers participating: 8
Keywords: 000059 - Al-Andalus / 000198 - Astronomía / 008547 - Tablas astronómicas / 007747 - Edad Media / 001063 - Historia
Code of the project / contract: 013444 **Order:** 003

Title of the project / contract: La circulación de ideas astronómicas en el Mediterráneo entre los siglos XII y XIX
Kind of contract/Program: SPGC - Programa Nacional de Promoción General del Conocimiento
Financing Firm/administration: SEID - Secretaría de Estado de Educación, Universidades, Investigación y Desarrollo
Number of the project / contract: BHA2000-0722 **Amount:** 18.030,36 **Duration, since:** 2000 **Until:** 2003
Main researcher: Julio Samsó Moya
Number of researchers participating: 10
Keywords: 000059 - Al-Andalus / 000198 - Astronomía / 026650 - Magrib / 002591 - Mediterráneo / 001063 - Historia
Code of the project / contract: 026085 **Order:** 004

Title of the project / contract: Introducció a la llengua àrab
Kind of contract/Program: 0000 - Sense especificar
Financing Firm/administration: GAUI - Gabinet d'Avaluació i Innovació Universitària
Number of the project / contract: 7/I/MC/06/PUIG **Amount:** 0 **Duration, since:** 1998 **Until:** 2000
Main researcher: Roser Puig Aguilar
Number of researchers participating: 4
Keywords: 008188 - Didáctica de la lengua / 203444 - Filología àrab / 202551 - Gramàtica àrab / 202550 - Llengua àrab
Code of the project / contract: 024237 **Order:** 005

Title of the project / contract: Pàgina web de Filologia Arab
Kind of contract/Program: TEAM - TEAM. Gabinet d'Avaluació e Innovació Educativa
Financing Firm/administration: GAUI - Gabinet d'Avaluació i Innovació Universitària
Number of the project / contract: 11/I/MM-Ww/04/COMA **Amount:** 0 **Duration, since:** 2002 **Until:** 2003
Main researcher: Mercè Comes Maymó
Number of researchers participating: 5
Keywords: 000059 - Al-Andalus / 000198 - Astronomía / 026650 - Magrib / 002591 - Mediterráneo / 001063 - Historia
Code of the project / contract: 025661 **Order:** 006

Title of the project / contract: Astronomía teórica y tablas astronómicas en Al-Andalus y el Magrib en los siglos XII-XIV
Kind of contract/Program: SPGC - Programa Nacional de Promoción General del Conocimiento
Financing Firm/administration: SEUI - Secretaría de Estado de Universidades e Investigación
Number of the project / contract: PB95-0040 **Amount:** 39.065,79 **Duration, since:** 1996 **Until:** 1999
Main researcher: Julio Samsó Moya
Number of researchers participating: 8
Keywords: 000059 - Al-Andalus / 000198 - Astronomía / 008547 - Tablas astronómicas / 007747 - Edad Media / 001063 - Historia
Code of the project / contract: 013444 **Order:** 007

Title of the project / contract: Àrea d'Àrab
Kind of contract/Program: PIGC - Projectes de recerca per potenciar els grups de recerca consolidats
Financing Firm/administration: CURE - Comissionat per a Universitats i Recerca
Number of the project / contract: 1999SGR00002 **Amount:** 11.419,23 **Duration, since:** 2000 **Until:** 2002
Main researcher: Julio Samsó Moya
Number of researchers participating: 14
Keywords: 000059 - Al-Andalus / 000198 - Astronomía / 026650 - Magrib / 002458 - Península Ibérica / 007747 - Edad Media / 001063 - Historia
Code of the project / contract: 026161 **Order:** 008

Title of the project / contract: Àrea d'Àrab
Kind of contract/Program: PIGC - Projectes de recerca per potenciar els grups de recerca consolidats
Financing Firm/administration: DURS - Departament d'Universitats, Recerca i Societat de la Informació (Generalitat de Catalunya) DURSI
Number of the project / contract: 2001SGR00002 **Amount:** 20.434,41 **Duration, since:** 2001 **Until:** 2005
Main researcher: Julio Samsó Moya
Number of researchers participating: 12
Keywords: 000059 - Al-Andalus / 000198 - Astronomia / 027373 - Edat mitjana / 002458 - Península Ibèrica / 026650 - Magrib / 001063 - Historia
Code of the project / contract: 026159 **Order:** 009

Title of the project / contract: Ciencia y sociedad en el Mediterráneo occidental en la Baja Edad Media
Kind of contract/Program: NHUM - Programa Nacional de humanidades
Financing Firm/administration: MCTE - Ministerio de Ciencia y Tecnología.
Number of the project / contract: HUM2004-02511/FILO **Amount:** 36.220,00 **Duration, since:** 2004 **Until:** 2007
Main researcher: Roser Puig Aguilar
Number of researchers participating: 10
Keywords: 000198 - Astronomia / 001063 - Historia / 026650 - Magrib / 016399 - Astrologia / 002591 - Mediterráneo
Code of the project / contract: 031252 **Order:** 010

Title of the project / contract: Vídeo
Kind of contract/Program: INGC - Infraestructura de la Generalitat de Catalunya
Financing Firm/administration: DEUN - Departament d'Educació de la Generalitat de Catalunya
Number of the project / contract: --- **Amount:** 817,38 **Duration, since:** 1990 **Until:** 1990
Main researcher: Julio Samsó Moya
Number of researchers participating: 8
Keywords:
Code of the project / contract: 031255 **Order:** 011

Title of the project / contract: La evolución de la ciencia en la sociedad de al-Andalus desde la Alta Edad Media al pre-Renacimiento y su repercusión en las culturas europeas y árabes (siglos X-XV)
Kind of contract/Program: NHUM - Programa Nacional de humanidades
Financing Firm/administration: MCTE - Ministerio de Ciencia y Tecnología.
Number of the project / contract: FFI 2008-00234FILO **Amount:** 24.000,00 **Duration, since:** 2008 **Until:** 2011
Main researcher: Miquel Forcada Nogués
Number of researchers participating: 8
Keywords: 000198 - Astronomia / 001063 - Historia / 026650 - Magrib / 016399 - Astrologia / 002591 - Mediterráneo
Code of the project / contract: 048912 **Order:** 012

Title of the project / contract: Elaboració i publicació d'una nova edició del text de la traducció castellana alfonsina (segle XIII) del tractat àrab perdut de construcció i ús de la 'Làmina Universal' d'Ali b. Jalaf (segle XI)
Kind of contract/Program: 0000 - Sense especificar
Financing Firm/administration: VRUB - Vicerectorat de recerca de la UB
Number of the project / contract: 185788 **Amount:** 10.200,00 **Duration, since:** 2008 **Until:** 2009
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PARTICIPATION IN COMMITTEES AND INTERNATIONAL DELEGATIONS

Committee title: Comité Nacional de Historia de la Ciencia
Organization which runs it: MEDU - Ministerio de Educación y Ciencia
Issue: Historia de la Ciencia
Year: 2006

Committee title: Comisión de elaboración del Grado en Estudios Árabes y Hebreos
Organization which runs it: FFUB - Facultat de Filologia - Universitat de Barcelona
Issue: Elaboración del nuevo Grado
Year: 2008

OTHER MERITS

- *Visiting Fellow* at the Center for Philosophy of Science perteneciente al Department of History and Philosophy of Science (University of Pittsburgh)
- Koyre Medal, 1995, to the Group Historians of Arabic Science of the University Barcelona to which I belong since 1988.
- Book of the year to *From Baghdad to Barcelona* in which there is a paper of mine
- Member of the Advisory Board of *SUHAYL Journal for the History of the Exact and Natural Sciences in Islamic Civilisation*
- Corresponding Member of the *Academie Internationale d'Histoire des Sciences*
- Delegate of the Sociedad para la Historia de la Ciencia Española at the General Assembly of the IUPHS International Union of Philosophy and History of Science.