



scientist

humanist

husband / father

prankster

adventurer

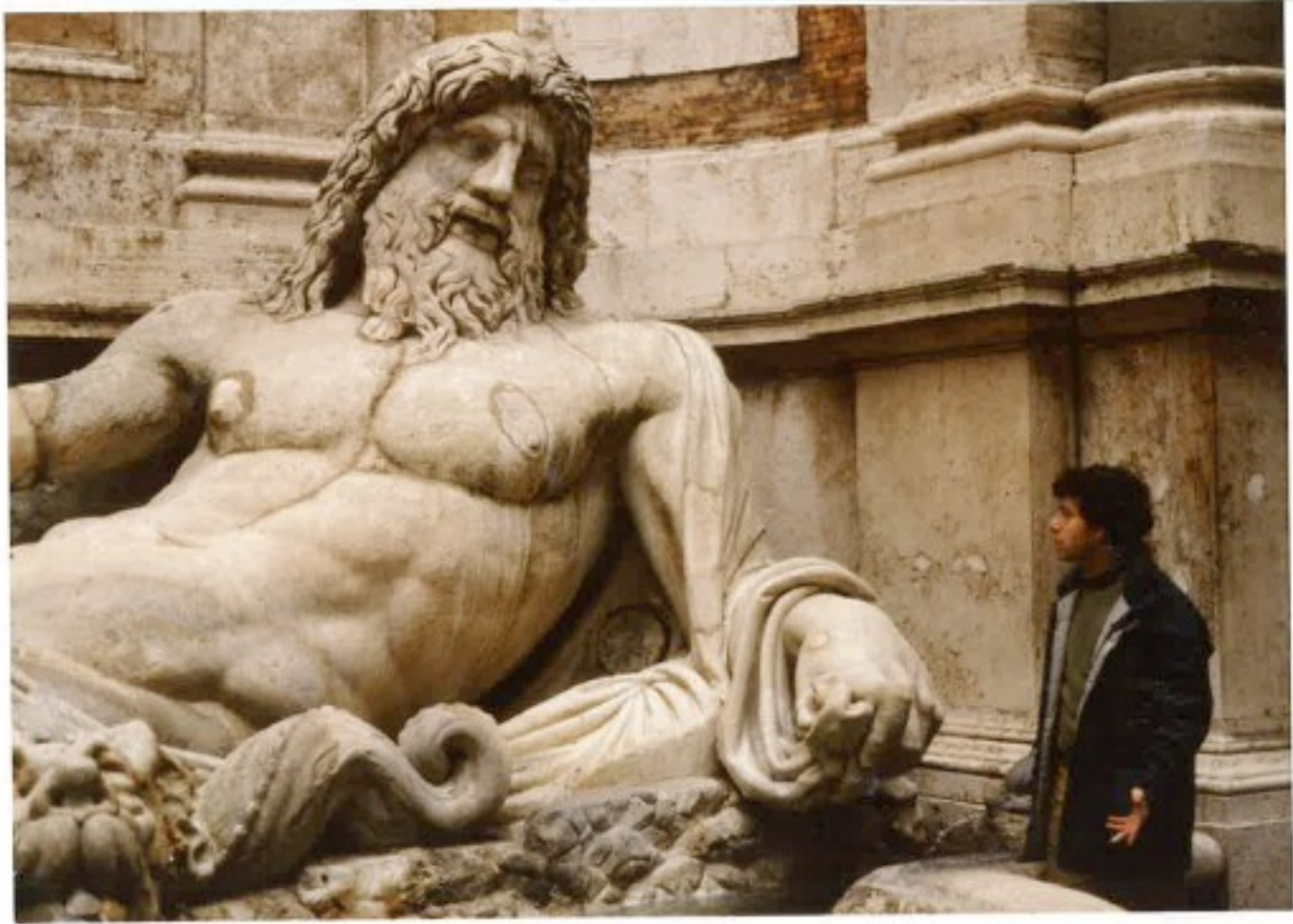
friend





















ACCELERATING STAR FORMATION IN CLUSTERS AND ASSOCIATIONS

FRANCESCO PALLA¹ AND STEVEN W. STANLEN²
 Received 1989 November 29; accepted 1990 April 7

ABSTRACT

We use our own, recently developed pre-main-sequence evolutionary tracks to investigate the star formation histories of relatively nearby associations and clusters and effective temperatures to place the known

tracks to investigate the star formation history published in the literature. We then use the H-R diagram. We then include Taurus-Auriga, the study is the first to

Cluster. In all cases, we have found that the star formation rate is usually higher in the

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AL STELLAR EVOLUTION: THE PRE-MAIN-SEQUENCE PHASE

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evolutionary tracks and stellar populations. We use the tracks to investigate the star formation history published in the literature. We then include Taurus-Auriga, the study is the first to

STAR FORMATION IN THE ORION NEB

FRANCESCO PALLA¹ AND STEVEN W. STANLEN²
 Received 1989 March 2; accepted 1990 June 27

ABSTRACT

formation activity within the dense star formation region of the Orion Nebula. The distribution of 300 visible members is well described by a simple initial mass function. Our best-fit initial mass function is

$$\frac{dN}{dM} \propto M^{-1.5} \exp(-M/0.1 M_{\odot})$$

THE BIRTHLINE FOR INTERMEDIATE-MASS STARS

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Department of Physics, Massachusetts Institute of Technology
 Received 1989 May 10; accepted 1990 June 27

ABSTRACT

We combine the protostar mass-radius relation with standard pre-main-sequence evolutionary tracks to construct the birthline for stars of intermediate mass ($2 \leq M_{\star}/M_{\odot} \leq 10$). Our theoretical birthline is in agreement with the observed upper envelope of the distribution of Herbig Ae and Be stars in the Hertzsprung-Russell diagram. From the intersection of the birthline with the ZAMS, we predict that stars with $M_{\star} \geq 10 M_{\odot}$ should never exhibit an optical pre-main-sequence phase; this prediction also agrees with existing observations. These findings show that stars of intermediate mass are first optically visible quite close to the main sequence. Hence, their contraction ages are less than the traditional ones derived assuming large initial masses. Hence, their contraction ages are less than the traditional ones derived assuming large initial masses. Hence, their contraction ages are less than the traditional ones derived assuming large initial masses.

for the quasi-static or stable contraction of a star of mass M_{\star} . Although the pressure is large, the surface area is small, so that the rate of energy loss is small. For stars with $M_{\star} < 1 M_{\odot}$, the initial rate of energy loss is small, so that the rate of contraction is slow. For stars with $M_{\star} > 1 M_{\odot}$, the initial rate of energy loss is large, so that the rate of contraction is fast.

This is the third paper in a series on the evolution of protostars (Palla & Stanlen 1985, 1986, 1987).



Oxford

THE BOOK

STAR FORMATION
(chapters)
notes I

ESSELTE

THE BOOK

STAR FORMATION
(notes II)

THE BOOK

STAR FORMATION
(notes III)

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STAR FORMATION
(notes IV)

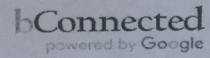
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doxier

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Steven W. STAHLER <stahler@berkeley.edu>

Meraviglioso!

1 message

Francesco Palla <palla@arcetri.astro.it>
To: Sstahler@astron.berkeley.edu

Tue, Nov 9, 2004 at 1:33 PM

Dear Steve,

just a brief note that this afternoon I have received the best packet of my life: it contained the 9 free copies of our marvelous book! Let me tell you: it's superb! I love it and really think that Wiley did a great job!!!

I'm sure you'd love too and hope that you'll receive your own copies asap.

Francesco

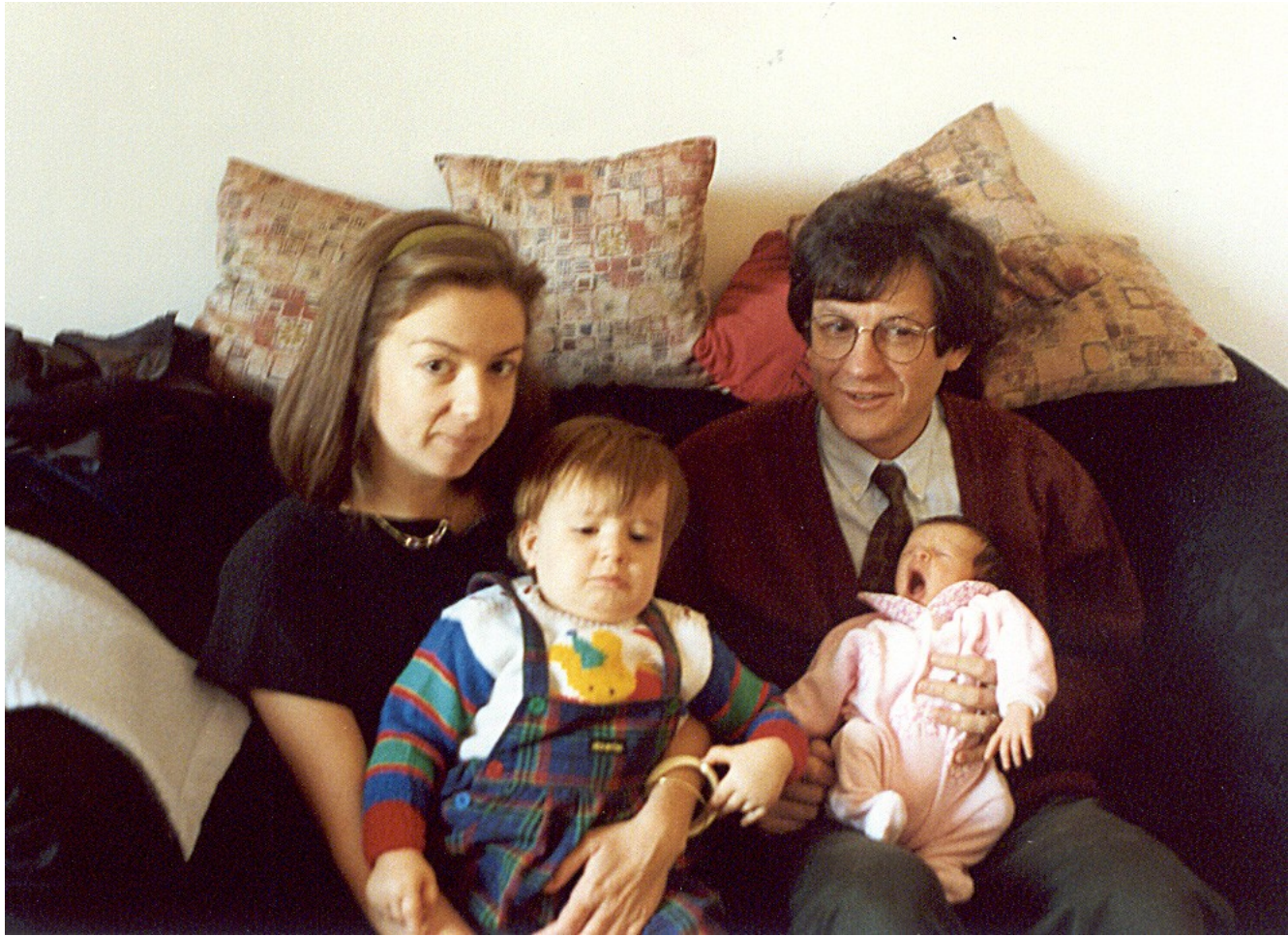




















Francesco Palla

Il pianoforte di Einstein

Einstein's piano

INAF-Osservatorio Astrofisico di Arcetri

Sommario. Dove si racconta del periodo trascorso a Firenze da due membri della famiglia Einstein – Maria, la sorella minore di Albert, e il cugino Robert – dal pittore Hans-Joachim Staude, tedesco d'origine, ma fiorentino d'adozione, e delle visite private di Albert. Il protagonista della storia è il pianoforte che Albert spedì come dono di compleanno a Maria da Berlino a Quinto, vicino a Firenze, dove ella viveva con suo marito, Paul Winteler. Passato dal padre Hans-Joachim Staude al figlio Jacopo, il pianoforte è rimasto per molti anni presso la casa di campagna della famiglia Staude sulle colline di Firenze. Dallo scorso 23 giugno gli Staude hanno affidato il pianoforte alla biblioteca dell'Osservatorio Astrofisico di Arcetri. Il pianoforte di Einstein è l'unico testimone di un singolare intreccio di eventi scientifici, umani e storici.

Parole chiave. Albert, Einstein, pianoforte, Robert, Staude, Winteler, Osservatorio, Arcetri.

Prologo

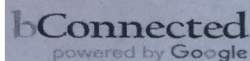
Firenze custodisce il pianoforte che appartenne a Maria Einstein, sorella minore di Albert Einstein, e che lo ricevette in regalo dal fratello nel 1929 per il suo compleanno. Maria, il cui diminutivo Maja useremo nel resto del racconto, si era trasferita a Firenze nel 1920 e qui abitò fino al 1939 prima dell'inizio della guerra. Jacopo Staude, astronomo e figlio del noto pittore tedesco Hans-Joachim Staude che trascorse a Firenze gran parte della sua vita, ha custodito il pianoforte

Abstract. This is the story of the time spent in Florence by two members of the Einstein family – Maria, Albert's younger sister, and their cousin Robert – by the painter Hans-Joachim Staude, German by birth but Florentine by adoption, and of the private visits made by Albert Einstein. The pivotal role in this tale is played by the piano which Albert sent by Albert as a birthday gift to his sister Maria from Berlin to Quinto, close to Florence, where she lived with her husband, Paul Winteler. Passed from Hans-Joachim to his son Jacopo, the piano remained for many years at the Staude country house on the hills of Florence. Since June 23 the Staude family has entrusted the piano to the library of the Astrophysical Observatory of Arcetri, where it now stands as the only surviving witness of a singular meshing of scientific and historical events and human stories.

Keywords. Albert, Einstein, piano, Robert, Staude, Winteler, Observatory, Arcetri.







Steven W. STAHLER <stahler@berkeley.edu>

Re: La Gita

1 message

Francesco Palla <palla@arcetri.astro.it>
To: "Steven W. STAHLER" <stahler@astro.berkeley.edu>
Cc: palla@arcetri.astro.it

Sun, Jun 16, 2013 at 9:22 AM

Dear Steve,

an appendix to the Mona Lisa's obsession...

Finally, I've discovered where Lisa Gherardini, in arte Monna Lisa, used to live in Firenze: via Sguazza, a very narrow and short street that connects Via Romana to Piazza Pitti.

Yesterday, June 15, on her birthday there was a parade for the "1st Monna Lisa Day" in that neighborhood --> I took a picture of her portrait (not too bad a sculpture...) that hangs (barely visible) high on the facade of the family's palazzo; you can see il ponte to the right--> il cerchio e' chiuso!

Tell Linda.

Francesco

On Jun 11, 2013, at 1:25 AM, Steven W. STAHLER wrote:

Dear Francesco,

Thanks for this very nice message, which I read aloud to Linda - who also really liked it. Once again, I am having trouble with the stupid dropbox. Can you just email me the photos you have? If necessary, you can send them in small groups.

In turn, we will send you some of our best photos soon.

On the language: In the south, people said "AspettO qua" for "Wait here." Or "ScendO li" for "Go down there." Is it really true that the form of the imperative changes in that region of the country? Or am I forgetting some basic thing in Italian?

We are both very excited about coming back next year. And we will try to enjoy the hospitality of the southerners. Interestingly, we have the same situation here. The south is much poorer, but people there are much better hosts.

I told Alessandro that he should consider returning to Arcetri.

Steve





Five hundred years after residents complained of the stench from a clogged municipal drain, the fidd street where Lisa Gherardini was born still smells.



When Leonardo returned to Florence in 1500, he lived in the monastery at Santissima Annunziata, where his father Ser Piero managed legal affairs for the friars and Lisa's husband Francesco del Giocondo supplied altar cloths.

Toasters! Lo sapete che hanno rovinato
la mia vita, tutto quanto, i miei giorni.
Perche` toasters? Perche` toasters?



Toasters! You know they've ruined my life,
everything, all my days. ***Why toasters?***
Why toasters?

Addio, Francesco.

