



Rudolf Steiner's Surprising View of the Future

The Welding of Mankind with Machine

"Elon Musk wants to merge man and machine" – *The Conversation*, 31Mar2017

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www.mystech.co

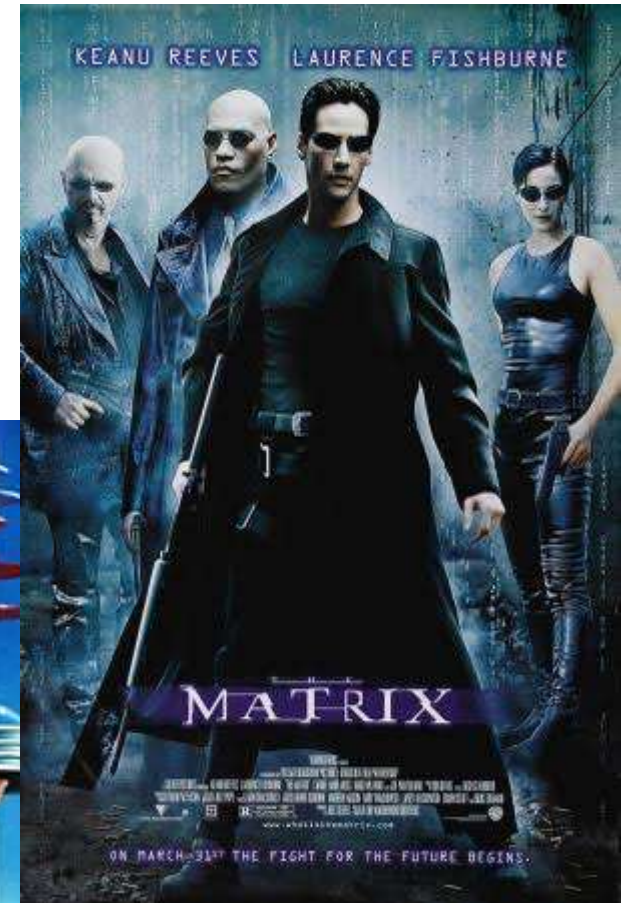




Outline

- Intro/Bio, website, email
- Welding together? Was Steiner a proto-Transhumanist?
 - Popular futurologists
 - Attachment of machines to the human body
 - Machines and Robotics
 - Artificial Intelligence → Kurzweil's Singularity
- Occult Science: Key Events in Evolution
 - Moon: Separation and Remerging
 - What separation meant for Earth and Mankind
 - Steps towards reemerging: today, 6th M , 8th M
 - Spiritual Science and the Path to Jupiter
- Conclusion

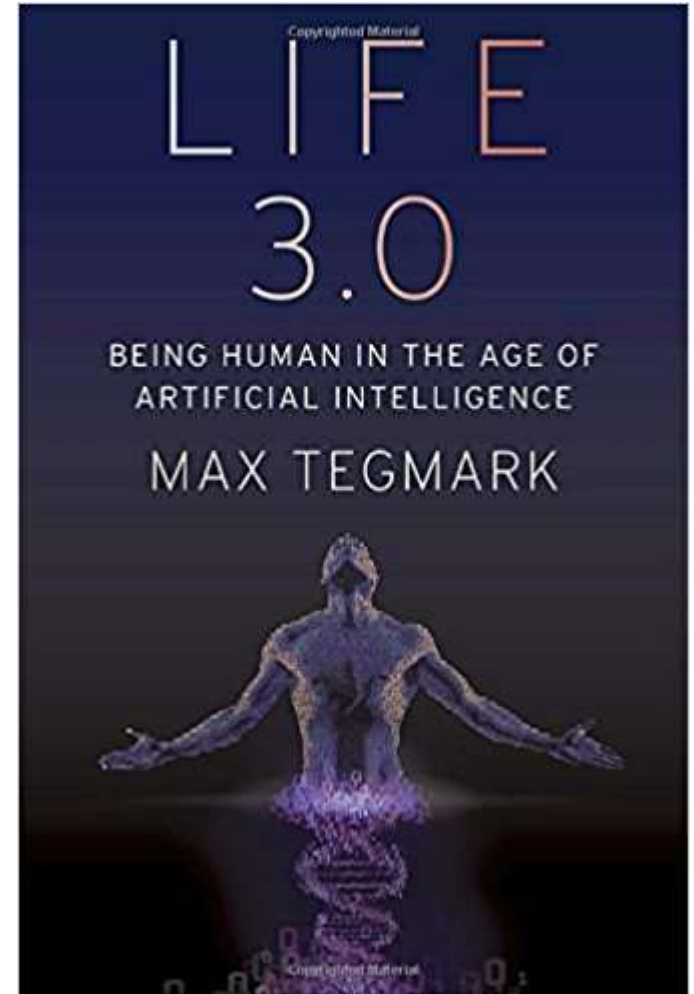
What is Your Picture of the Future (2050 →)

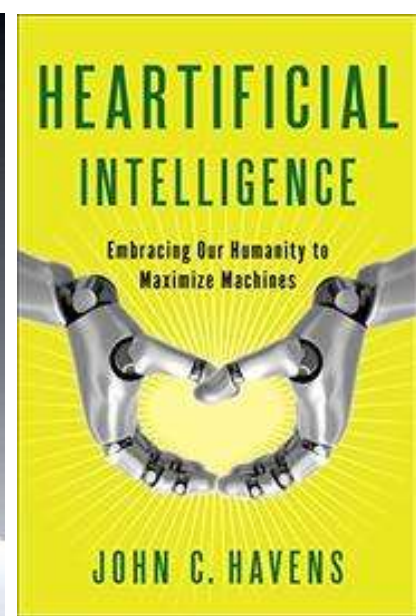
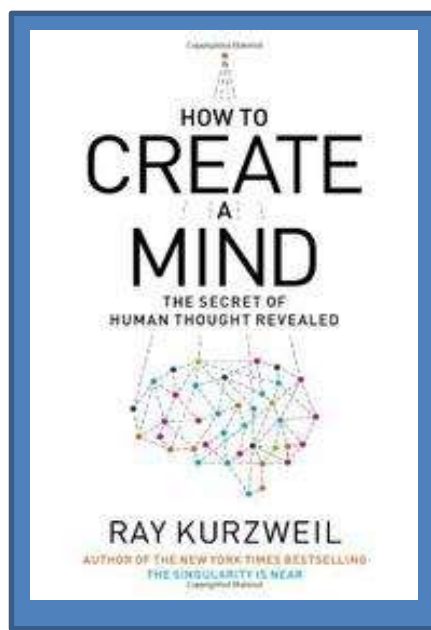
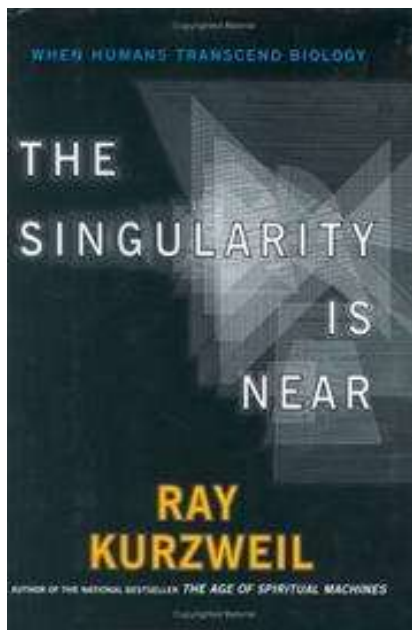


Being Human

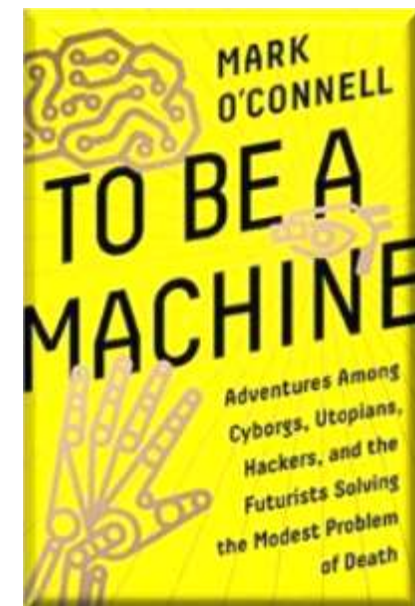
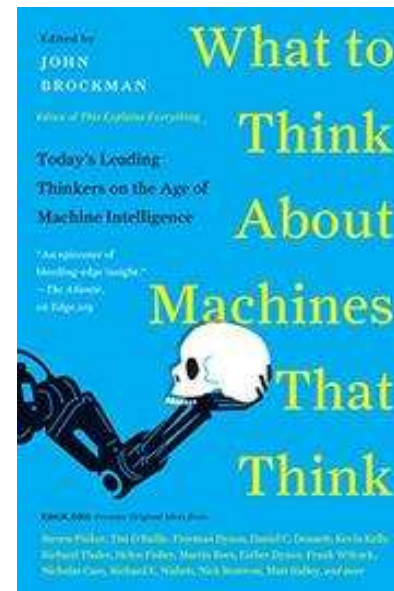
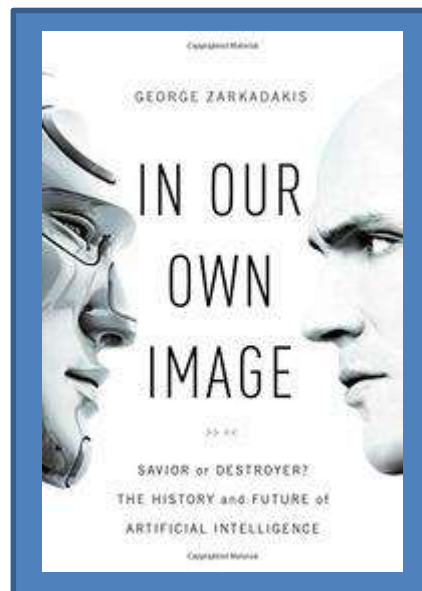
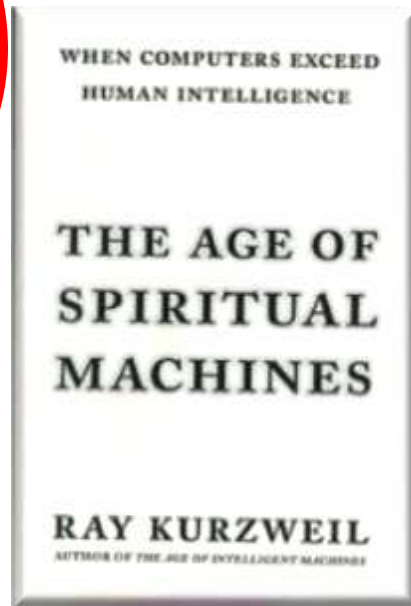
In the Age of Artificial Intelligence

- Founder of the Future of Life Institute, MIT professor
- How will Artificial Intelligence affect jobs, justice, crime, war, society and our very sense of being human?
- “AI will transform our economy, our culture, our politics and even our own bodies and minds in ways most people can hardly imagine.”
- Nanotech implants will augment human brains, creating a hybrid intelligence



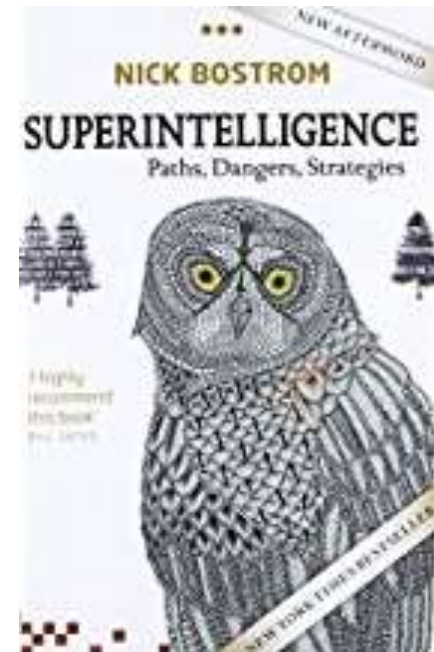
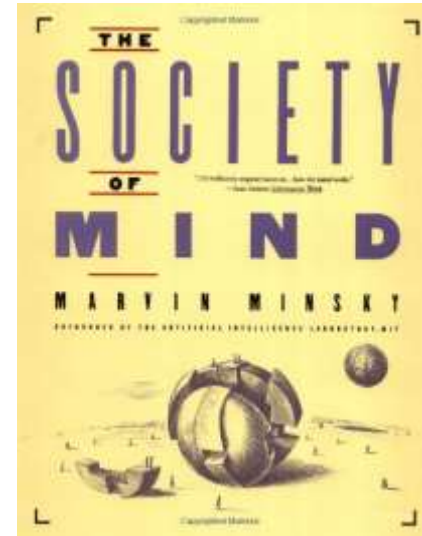


Transhumanism: overcoming biological limitations



Are There Dangers Ahead?

- Mind is a "society" of tiny components that are themselves mindless
- If machine brains surpass human brains in general intelligence, then this new super-intelligence could replace humans as the dominant life form on Earth.
- Sufficiently intelligent machines could improve their own capabilities faster than human computer scientists, and the outcome could be an existential catastrophe for humans.
- Superintelligence would be difficult to control or restrain



World Futures: Jennifer Gidley

- Australian psychologist and educator
- University of Technology, Sydney
 - Institute of Sustainable Futures
- President of the World Futures Studies Federation
- Australian **Steiner** National Curriculum Project team
- “We are at a critical point today in research into human futures. Two divergent streams show up in the human futures conversations. Which direction we choose will also decide the fate of earth futures in the sense of Earth’s dual role as home for humans, and habitat for life. ...
 1. Dehumanising, scientific, and atomistic. It is based on a mechanistic, behaviourist model of the human being, with a thin cybernetic view of intelligence. The **transhumanist** ambition to create future techno-humans is anti-human and anti-evolutionary. It involves technological, biological, and genetic enhancement of humans
 2. **Humanitarian**, philosophical, and ecological. It is based on a view of humans as kind, fair, consciously evolving, peaceful agents of change with a responsibility to maintain the ecological balance between humans, Earth, and cosmos” -- *Contrasting Futures for Humanity: Technotopian or Human-Centred?* Paradigm Explorer, Sept. 2017





Comparing Visions of the Future

Ray Kurzweil

- Transcend biology by merging with non-biological systems
- Merger of our biological thinking and existence with our technology
- By 2030 man will be less human and more machine, with bodies filled with nano-robots and artificially enhanced to be much stronger and billions of times more intelligent
- "[2045: The Year Man Becomes Immortal](#)" *Time*

Rudolf Steiner

- “The **welding** together of human beings with machines will be a great and important problem for the rest of the earth-evolution.” -- *The Wrong and Right Use of Esoteric Knowledge*, lecture 3
- “Man will chain a **second being** to him ... feel the urge to think materialistic thoughts, to think, not through his own being, but through the second being who is his companion” *GA158*
- “Our **science** must lead the way, must prepare for what has to happen with the bodily essence in the future.”
- “What you think today, that you will be tomorrow” – *The Temple Legend*, lecture 13

Attachment of a Second Being

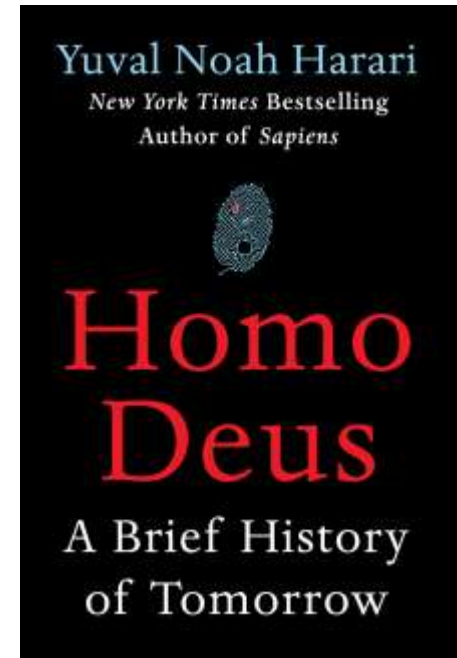
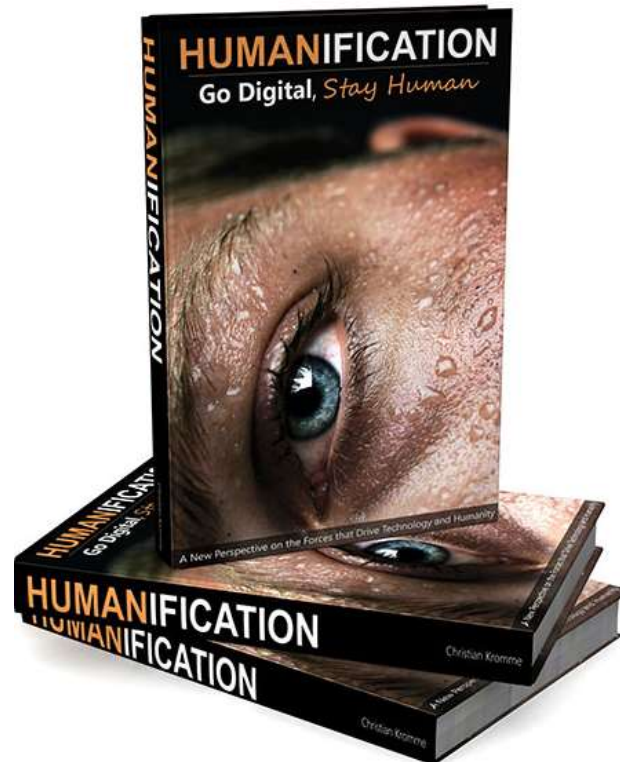
“During the **course of the Fifth PACA**, so many problems have lost all inner, vital warmth. The countless questions which confront us when we study Spiritual Science with any depth, simply do not exist for the modern man with his materialistic outlook.

“A **different form of experience will come to the man of modern times**. In his own opinion he knows ever so well; he observes the material world, **uses his *intellect* to establish the interconnections between its phenomena** and believes that all its riddles are solved in this way, never realizing that he is simply groping in a phantasmagoria.

“**But this way of working coarsens and dries up his ether-body**, with the ultimate result that the [Ahrimanic] powers, ***like a second nature, will attach themselves to him.***

The Balance in the World and Man, Lucifer and Ahriman, Rudolf Steiner





WHAT HAPPENS IF/WHEN WE NO LONGER HAVE A PHYSICAL BODY?

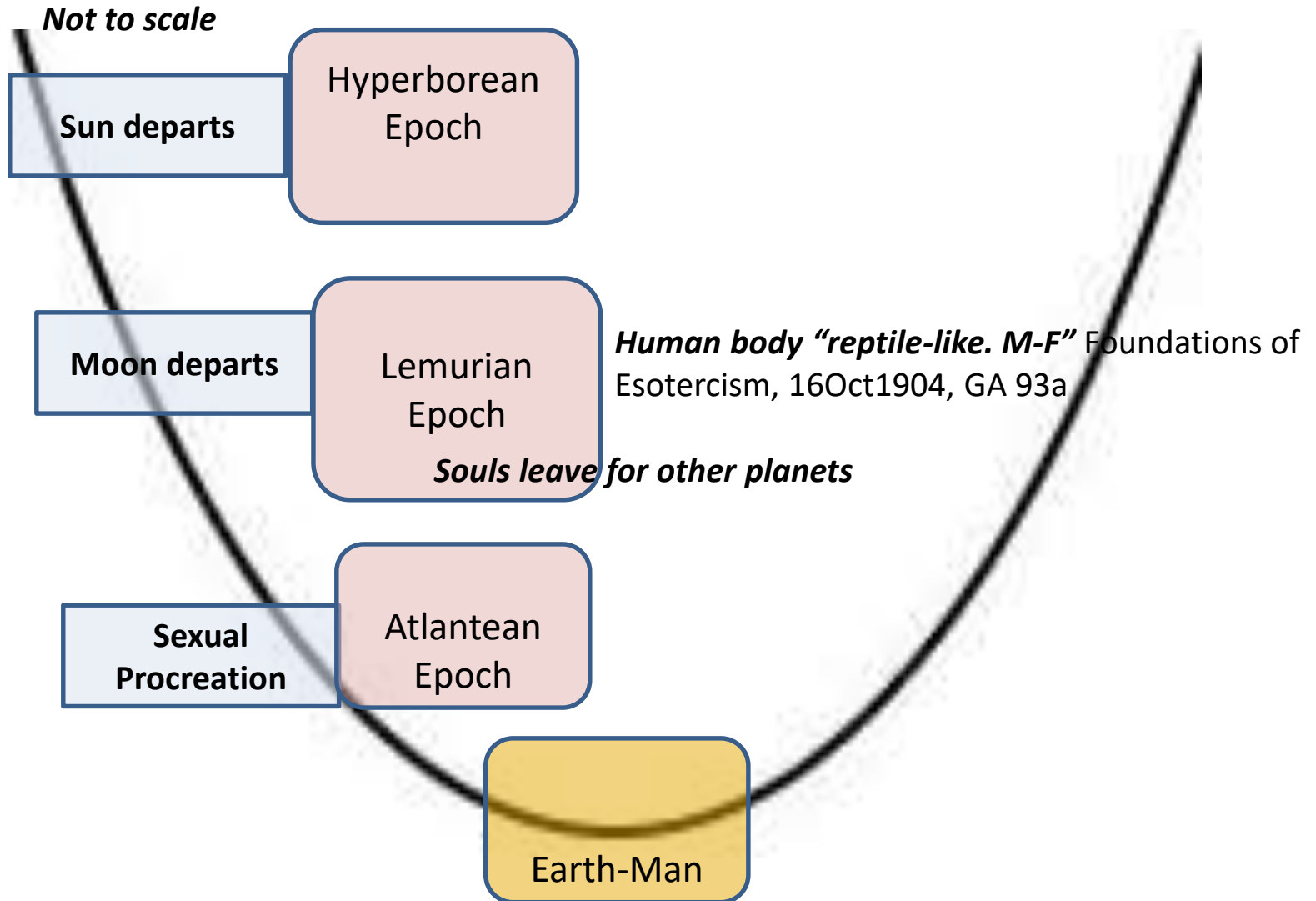
Many authors artistically feel this future



Entering a Machine as an Extension of Body

- Becoming comfortable operating an automobile
- Becoming comfortable operating an auto-humanoid
 - From within, not like the movie Avatar
- **Emancipation**
 - Physical labor
 - Mental labor
 - What have we sacrificed? What will we sacrifice?
 - We're all in this together – reincarnation – Rosicrucian

Past Evolution of Mankind



Mid-Point Changing of the Guard

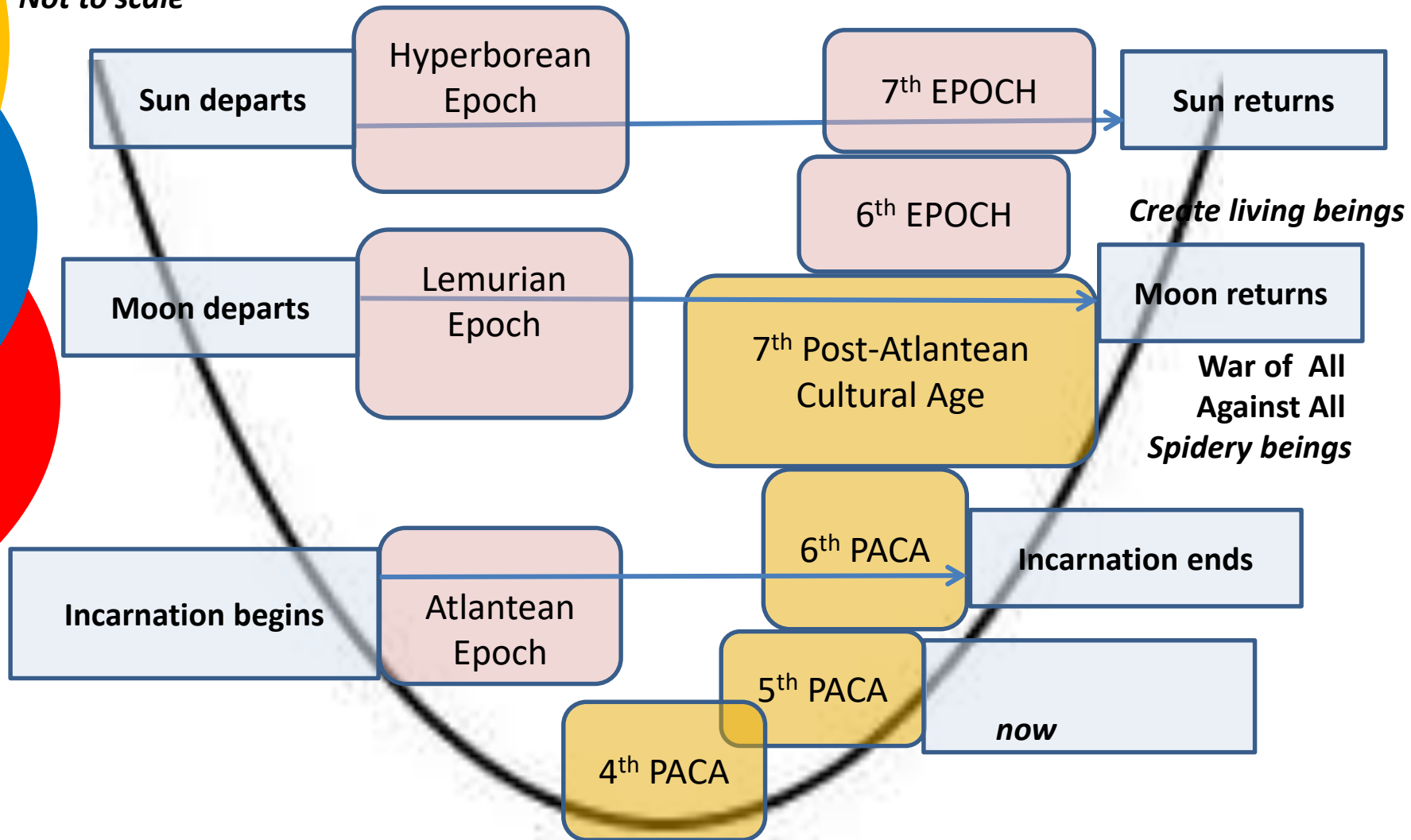
- Until 15th Century – beings ascending
- Spirits of Personality (Archai) and Exusiai
- Archai do not intercede but wait for us to rise to them
- Freedom
- Michael
- 1879 on



- Evolution towards Jupiter has begun

Cycle of Evolution for Mankind

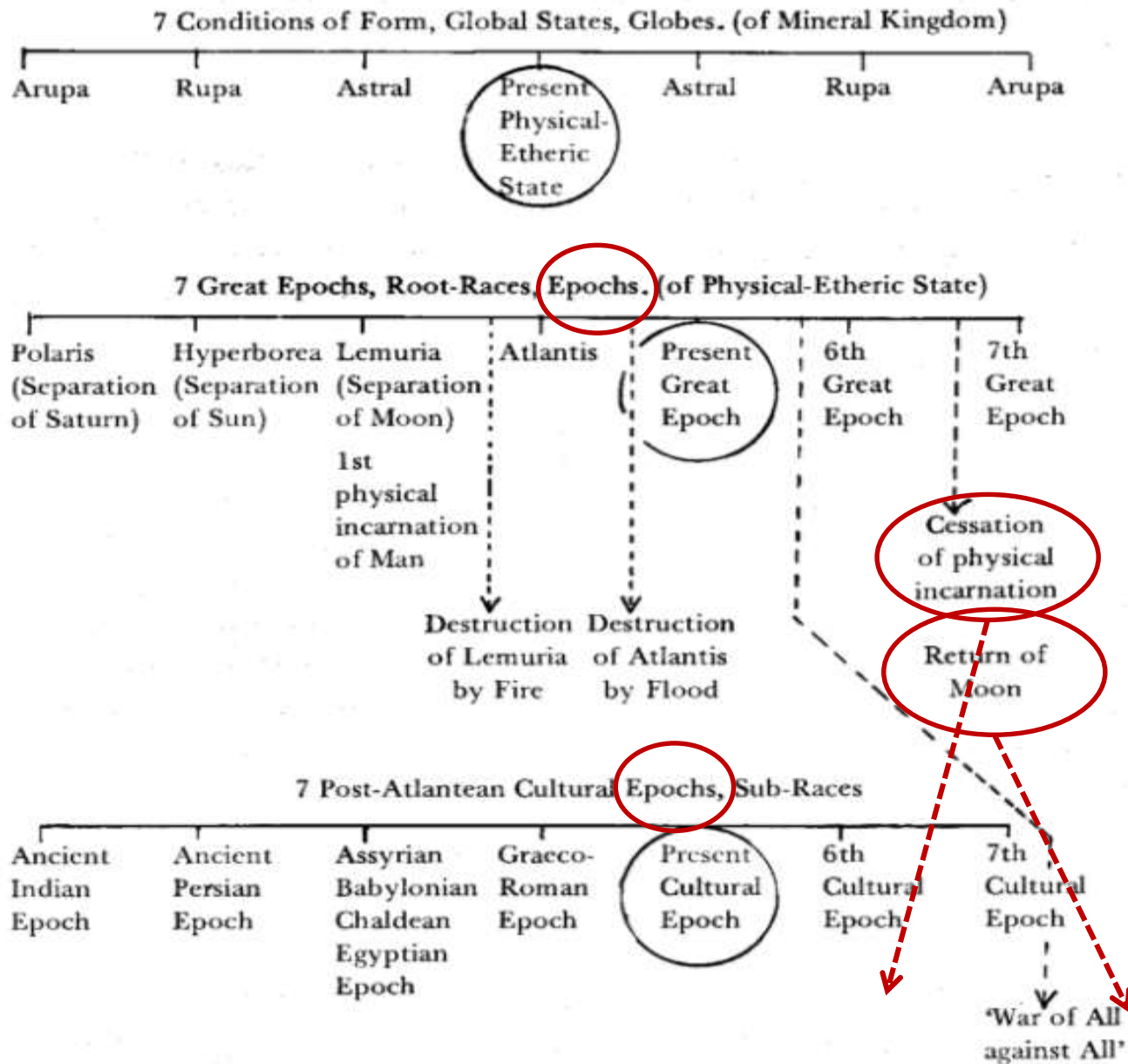
Not to scale



Before Incarnation can End ...

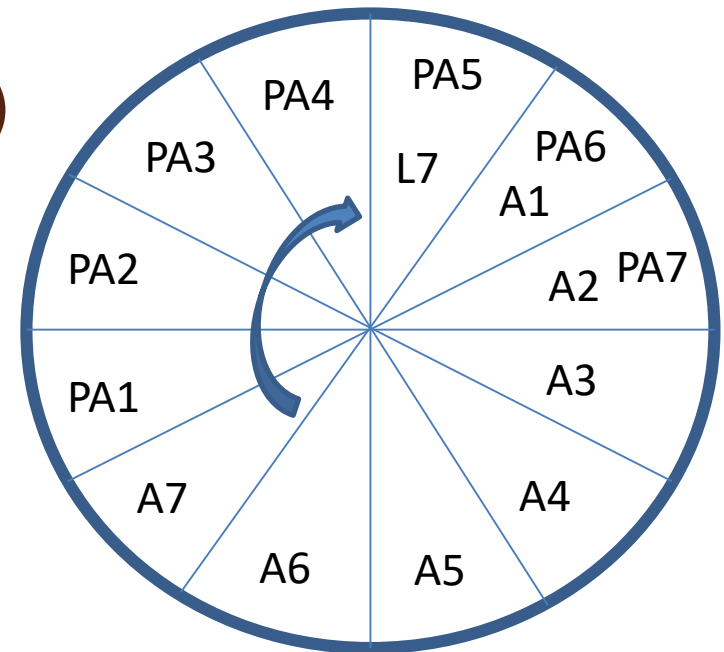
- Achieve full control of astral body
 - Convert it to Manas
- How?
 - Recognize we are Prometheus
 - Chained to the Mineral Kingdom
 - Freedom – become angel-like
 - Via the labors of Heracles
 - Sacrifice our inner centaur
- Oh well, lots of time, right?
 - How many incarnations?
 - 4000 yrs left → about 5 or 6 more incarnations
 - Then a 2160 year period of non-natural body life on earth
 - Helping others with their karma





Body-Soul Development by era

- Lemuria (moon separated)
- Atlantis (phys incarnation)
- Post-Atlantean
 - I. 56 49 earth
 - II. 48 42 speech
 - III. 41 35 stars
 - IV. 34 28 33 – Christ
 - 1879 V. 27 21 Today 27 (Michael's era)
 - VI. 20 14 Year 4,000
 - VII. 13 7 Year 6,000 – women are infertile
Year 8,000 – moon returns



Each pie slice represents ~2160 today-years

Source: *Evolution of Human Freedom and Personal Consciousness*, 19Jan1905, Dusseldorf



Ending of Physical Bodies

- “In a time not all that far ahead, possibly as early as the 7th millennium, **all women will be infertile on earth**”
 - **Withering and crumbling of human bodies**
 - Before the earth has gone through all its stages
- People would ***no longer find anything to do on earth***
 - Relationship between inner life & physical body must change
 - Must **find a different way** to relate to earthly existence
 - “**final stages of earth evolution will make it necessary for them to do without physical bodies and *yet be present on earth***”

R. Steiner, *Fall of the Spirits of Darkness*, lecture 5, 7Oct1917, GA 177



End of Incarnation in 6th PACA

- “A time will come in the physical evolution of the earth — it will be **after** the **year 5,700** — when, if he fulfils his rightful evolution, man will no longer tread the earth by incarnating in bodies derived from physical parents. In that epoch, women will be barren; children will no longer be born in the manner of today, if evolution on the earth takes its normal course.”

Some Conditions for Understanding Supersensible Experiences, 18Jan1920, GA 196



What Takes the Place of Incarnation?

- “There must be no misunderstanding about such a fact as this. Something else, for example, might come about.
- The **Ahrimanic Powers**, which under the influence of the impulses working in men today are becoming extremely strong, might succeed in preventing earth-evolution in a certain respect.
- It would then become possible for men — by no means for their good — to be **held in the same form of physical life** beyond this time in the 6th or 7th millennium. They would become much more like animals, while continuing to be held in the grip of physical incarnation.
- One of the endeavors of the **Ahrimanic Powers** is to keep humanity fettered too long to the earth in order to divert it from its normal evolution.”

Some Conditions for Understanding Supersensible Experiences, 18Jan1920, GA 196



How Long Will This Last?

- “However, if men really take hold of the best possibilities for their evolution, then in the 6th millennium they will enter for a further **2,500 years** into a connection with the earthly world of such a kind that they will, it is true, still have a relationship with the earth, but a relationship no longer coming to expression in the birth of physical children.”

Some Conditions for Understanding Supersensible Experiences, 18Jan1920, GA 196



Who Will Help Us Through the 7th PACA?

- In the 6th PACA, the human fertility which depends on the powers of light for its impulses will gradually **come to an end**
- The **powers of darkness will have to intervene** so that the affair **may continue for a time**
- **Seeds for the 6th PACA lie in the East of Europe**
 - Develop powerful tendencies which do not allow physical human reproduction to continue beyond the 6th PACA
 - Let the earth enter into a form of **existence in soul and spirit**
- The other impulses for the **7th PACA**, in which **procreation** will be guided by impulses from the **cast-down Angels**, will come from **America**
[What kind of bodies are these?]

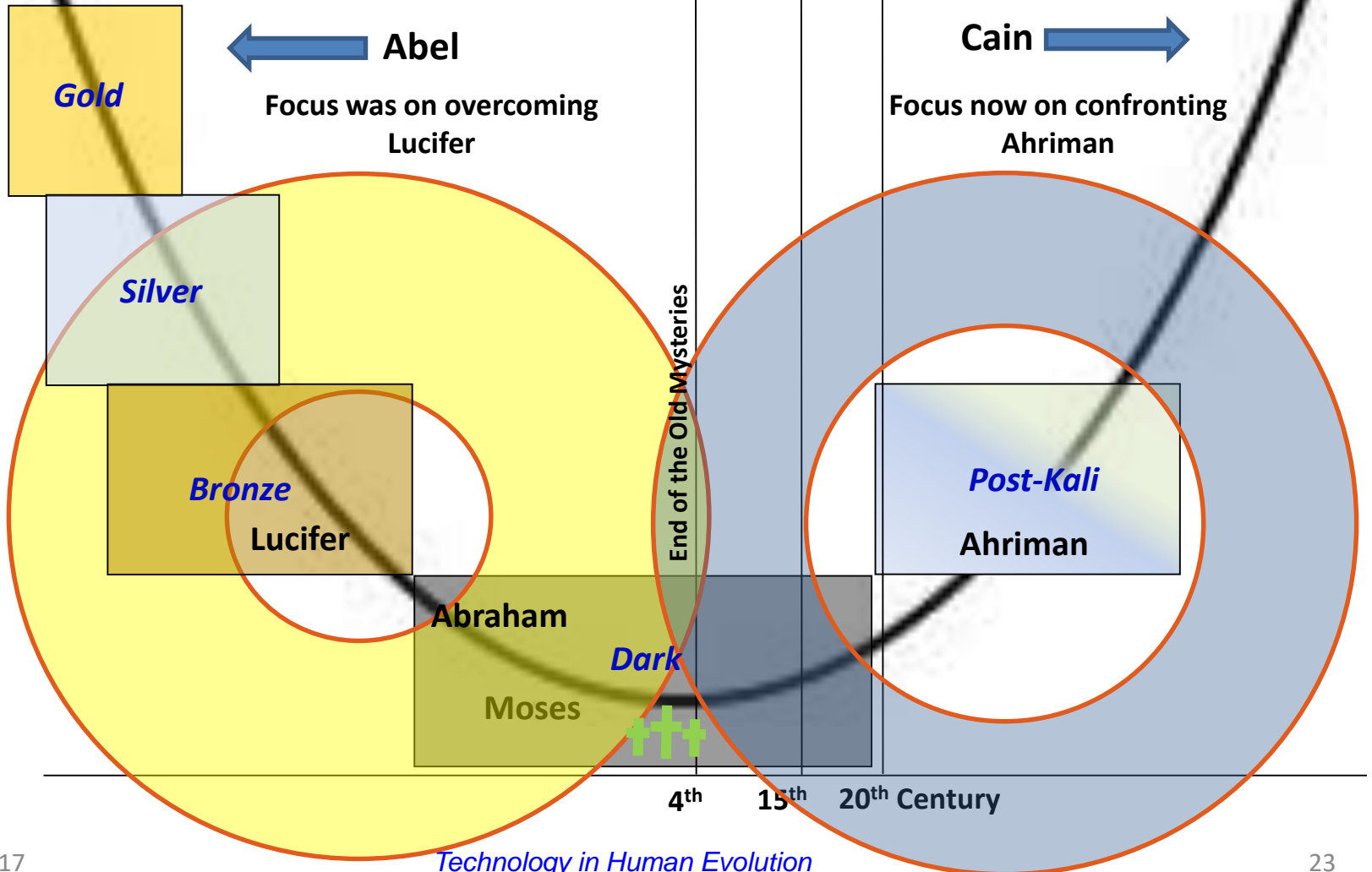
R. Steiner, *Fall of the Spirits of Darkness*, lecture 14, 28Oct1917, GA 177

Cosmic Overview

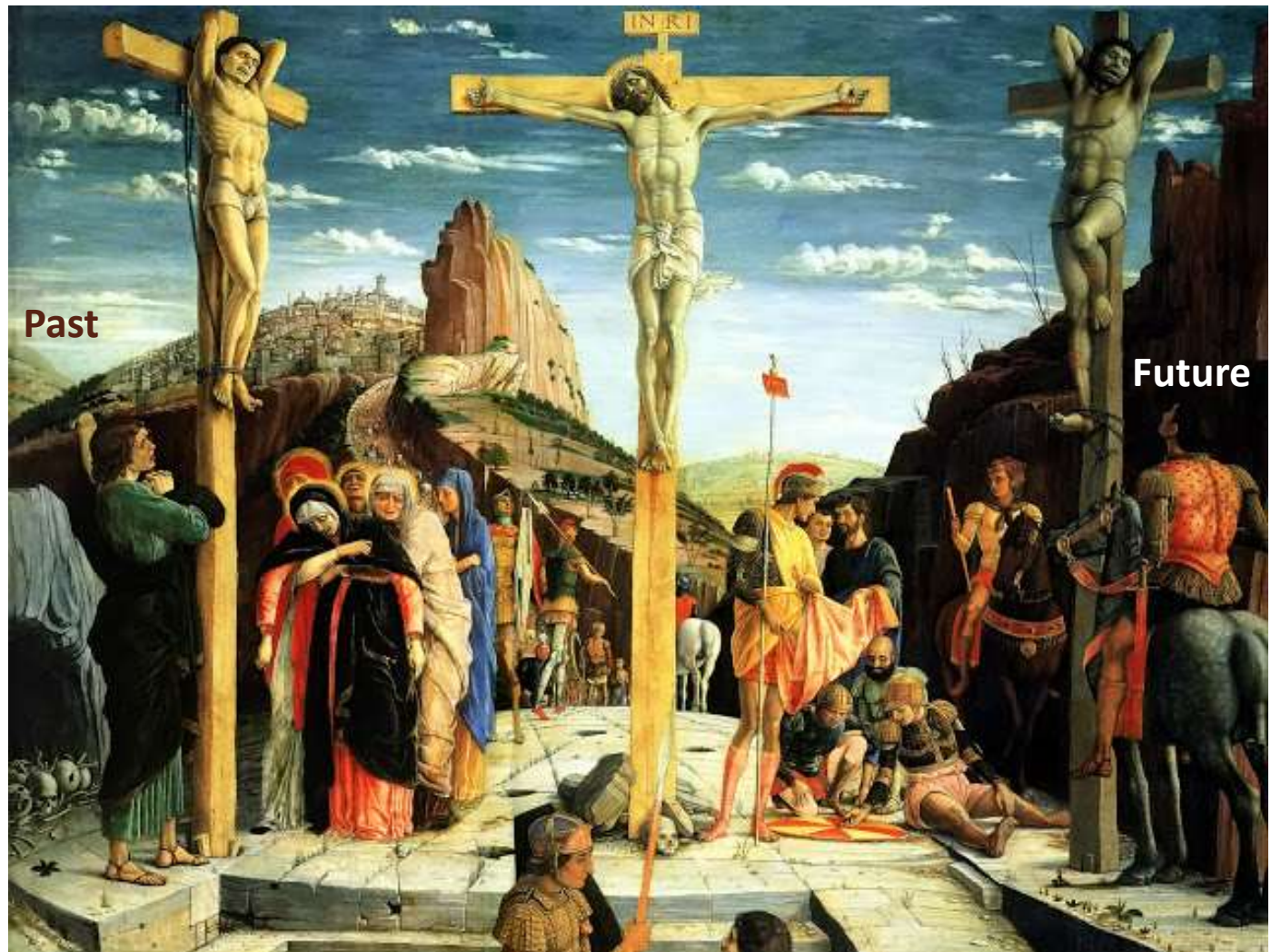
many prior dramas

Age

Not to
scale



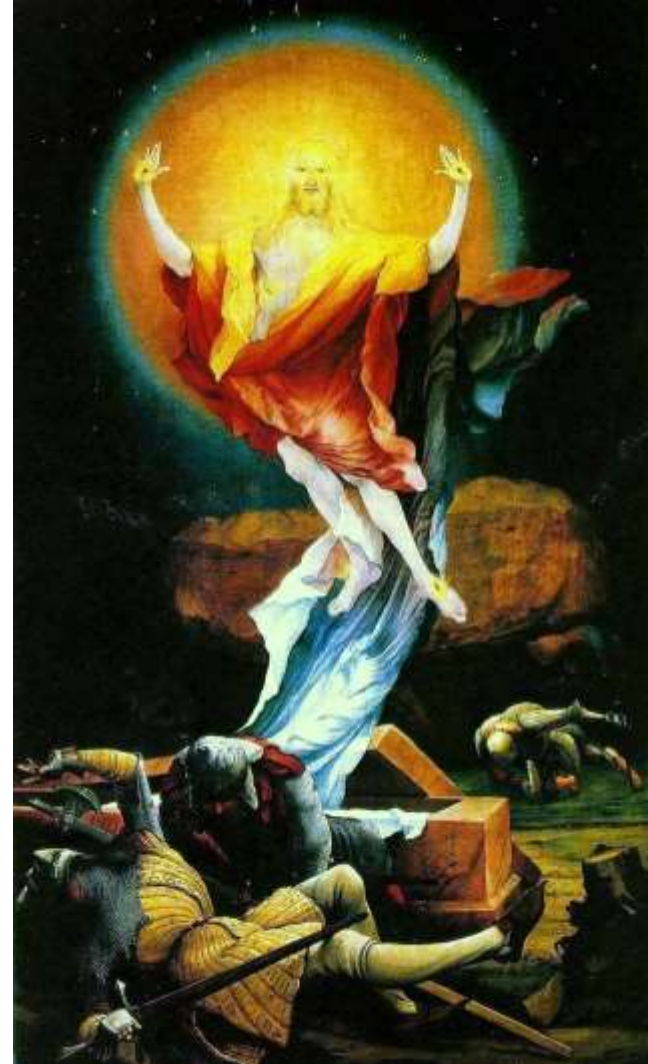
Mystery of Golgotha



Andrea Mantegna, 1457

Temple and Mystery of Golgotha

- If we have no physical body, how will we work on Atma?
- Jesus answered them, "Destroy this temple, and I will raise it again in three days."
- – John 2:19, NIV



History of the Temple

- (Pyramids, shrines, ...)
- First Temple – Solomon's
 - Babylonians in 587 BC
- 2nd Temple – Zerubbabel's
 - Romans in 70 AD
- Face – Façade
 - **Countenance** to inner, Holy of the Holies
 - Michael as countenance of Christ, future humans ...
- What is the Third Temple?
 - Shepha's talk

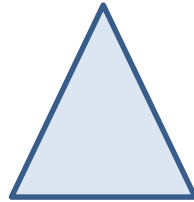


First Temple's Main Characters

Solomon

Abel

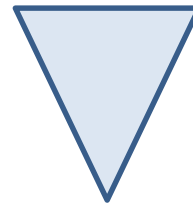
- Concept, blueprint
- God – Self
- Receive!
- Reverence – abundance
- He leadeth me
- Cool – detached



Hiram

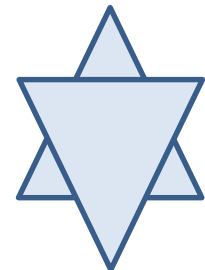
Cain

- Know-how, construct
- Community – God
- Deed!
- Spiritualize Earth
- I will to transform
- Fire – Arts – Sciences



Balkis

- Queen of Sheba
- Focus of human soul



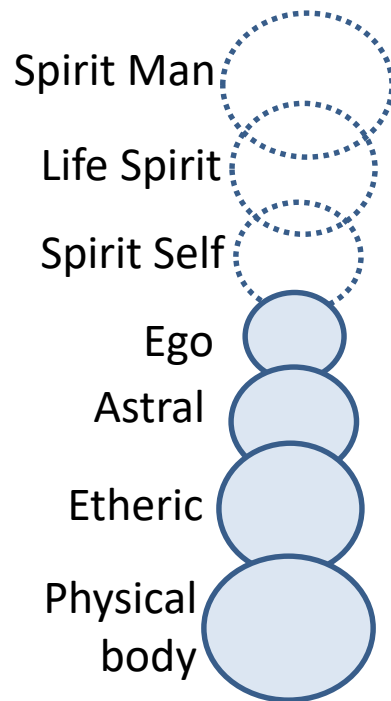


Transition Time

How do we get from

Here

to HERE?



What happens to the Temple?

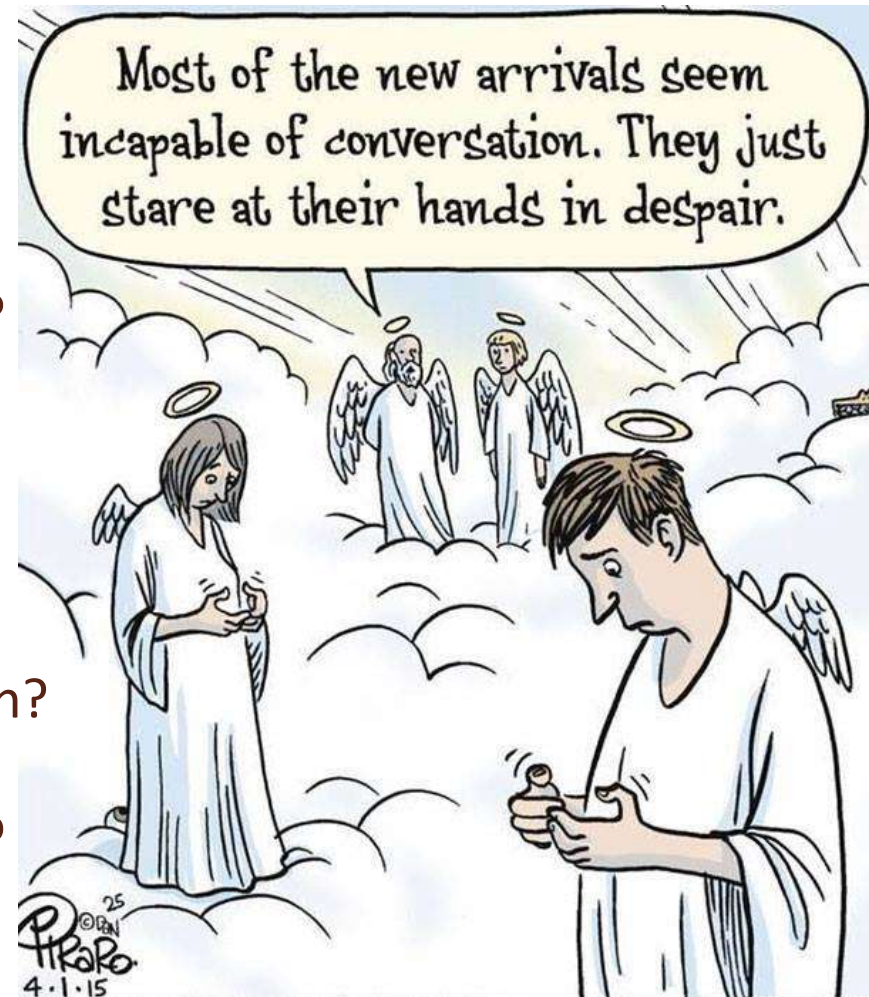
Housing for The Three

Isn't this an angel?

Becoming Stunted Angels?

- Arriving too soon?
 - Right speed, fullness, strength
 - Opportunities to attain higher members from Ahriman
- How do we develop strength?
 - Overcome obstacles
- God instructed Dynamis
 - For Old Moon
 - War in Heaven – asteroid belt
 - Some angels ‘fell’
- Old Moon different from Earth?
 - Hardening, matter
 - Why? Development of the Ego

- From Universe, Earth, and Man





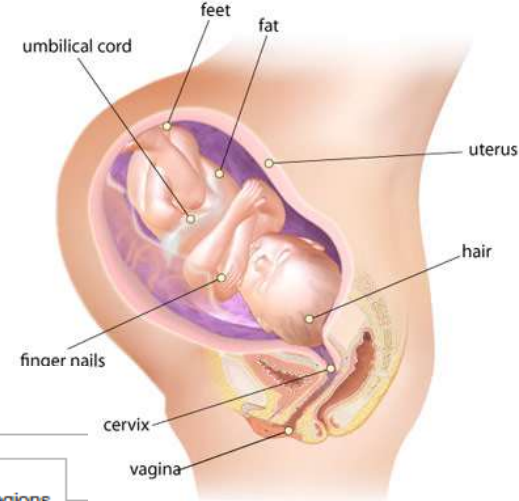
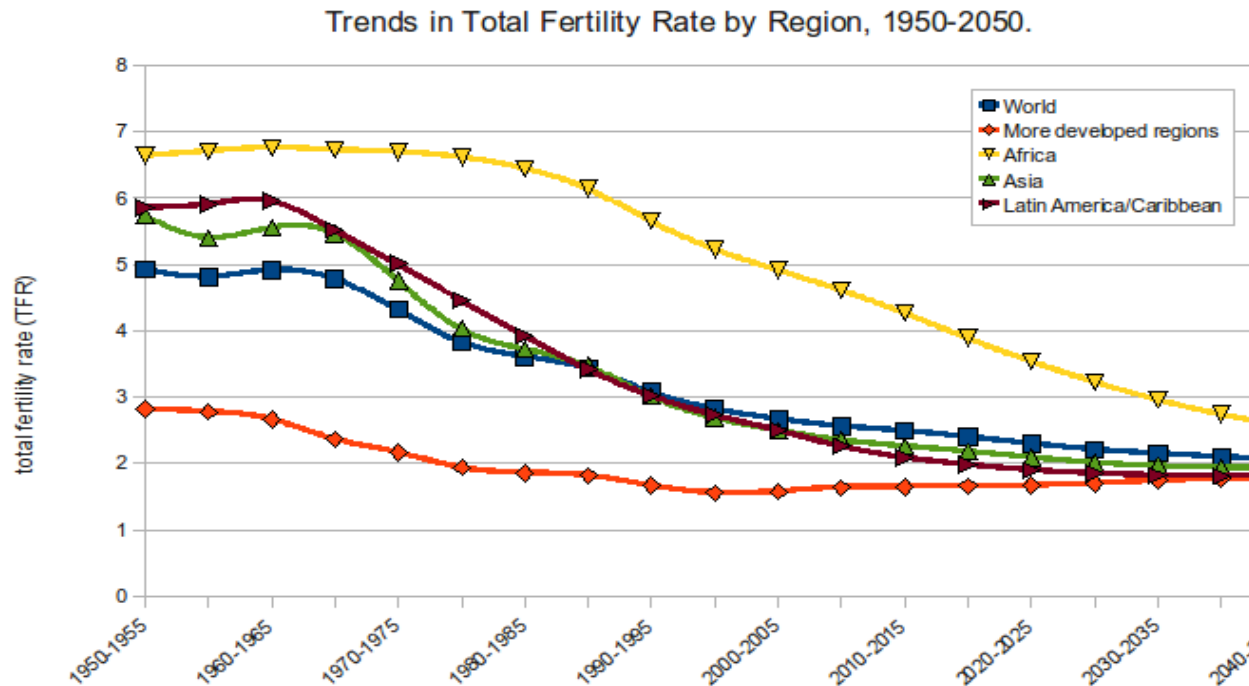
Fact Check

**FERTILITY CHANGING:
DOES SCIENCE AGREE?**



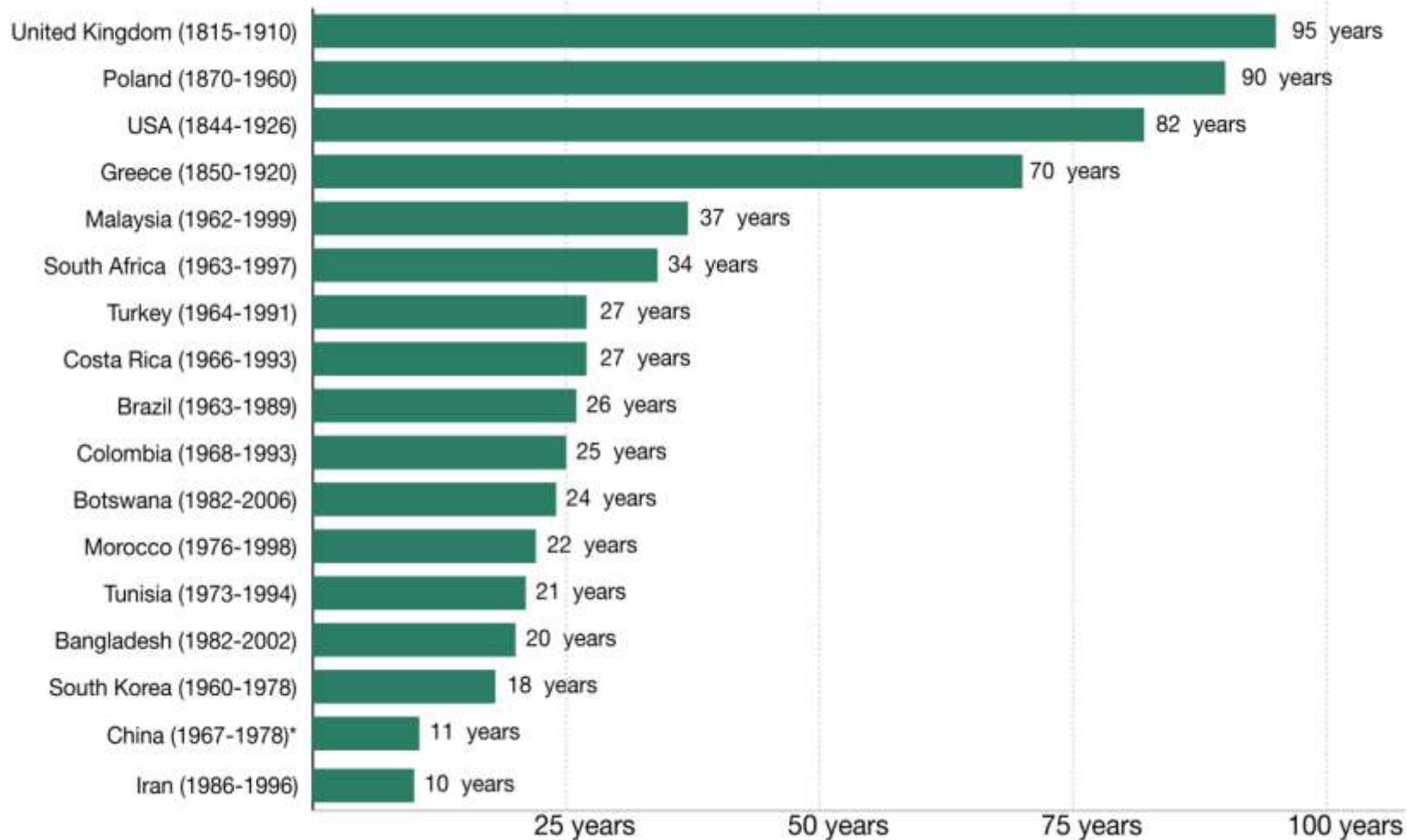
USA Fertility Rate

- Millennials prefer pets over children



- 1957: 122.9 births per 1,000 women
 - 2016: 59.8 births per 1,000 women
- > 50% decline in 59 years!

How long did it take for fertility to fall from more than 6 children per woman to fewer than 3 children per woman?



* The one-child-policy in China was introduced after the decline of the total fertility rate below 3. It was introduced between 1978 and 1980.

Data source: The data on the total fertility rate is taken from the Gapminder fertility dataset (version 6) and the World Bank World Development Indicators.

The interactive data visualization is available at [OurWorldinData.org](https://ourworldindata.org). There you find the raw data and more visualizations on this topic.

Licensed under CC-BY-SA by the author Max Roser.

Emancipation from Birthing

- CRISPR
 - Edit for best
 - Rid the worst
 - Mutations
- Synthetic
 - Stem cells
 - Skin cells
- Ready made adult
 - Who needs childhood?
 - Will a bionic robotic unit await your next incarnation?



Growing Infertility

- Chemotherapy effects
- [In-Vitro Gametogenesis](#) (IVG):
 - Creating babies from skin cells
 - Embryo “Farms”
 - Replace sperm banks with skin banks
 - Redefines “having some skin in the game” – fake paternity cases
- Select best from 100s, 1000s (if rich)
 - Destroy the rest
- Make embryos from multiple “donors”
 - 3-Parent babies now [legal in England](#)



Future of Incarnating in the West

Bioethics

The End of Sex and the Future of Human Reproduction



- Henry Greely, professor law and genetics at Stanford, bioethicist
- Preimplantation Genetic Diagnosis (PGD) **selects embryos** free from specific inherited diseases
- Take a cell from each early embryo, **screen its DNA** for inherited mutations, and then decide **best one** to implant
- Use DNA sequencing to provide parents with **genetic likelihoods**
- Return to asexuality
 - Possible to generate eggs from male skin cells
 - Sperm from female cells
 - Cheaper and much easier than harvesting eggs from ovary

Future of Incarnating in the West

Bioethics

The End of Sex and the Future of Human Reproduction



Possible marketing

- We cannot fully guarantee your child will be healthy, but here are over 4,000 diseases we can guarantee your child won't have
- You spend \$30,000 on getting the car you want; how much is the baby you want worth to you?
- How much will your baby cost you over 21 years?
- Can you still afford a baby?



Credit: Partridge et al./Nature Communications

spirit

soul

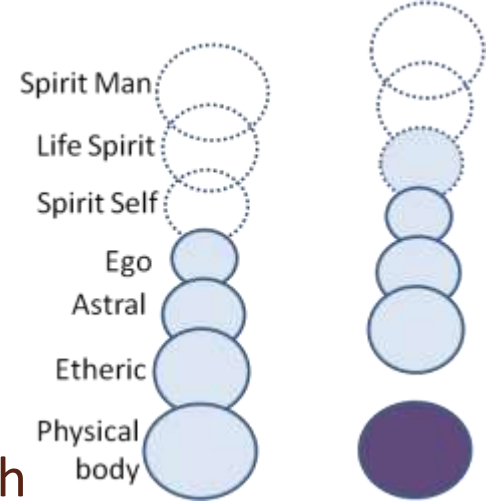
life



**WILL WE THROW THE BABY OUT
WITH THE BATHWATER?**

Changing the Physical Body

- Avatar time?
- Relieving duties of the spirits of birth and death
- “It will be as if the denser part of man were here below on earth and the human being will make use of it from **outside like an instrument**
- Man will **no longer bear his body about and live within it**, but will float above it, the body will itself have become rarefied and finer” [etheric]
- Rudolf Steiner, *Theosophy of the Rosicrucian*, Lecture 13, *The Future of Man*, 5Jun1907, Berlin, GA 99
- “...Only then do we gain knowledge of the true inner life, and we learn to recognize that our real self, our higher 'I', is widely extended over the world around us. The only “external world” is now our own body.” -- Steiner, GA 94





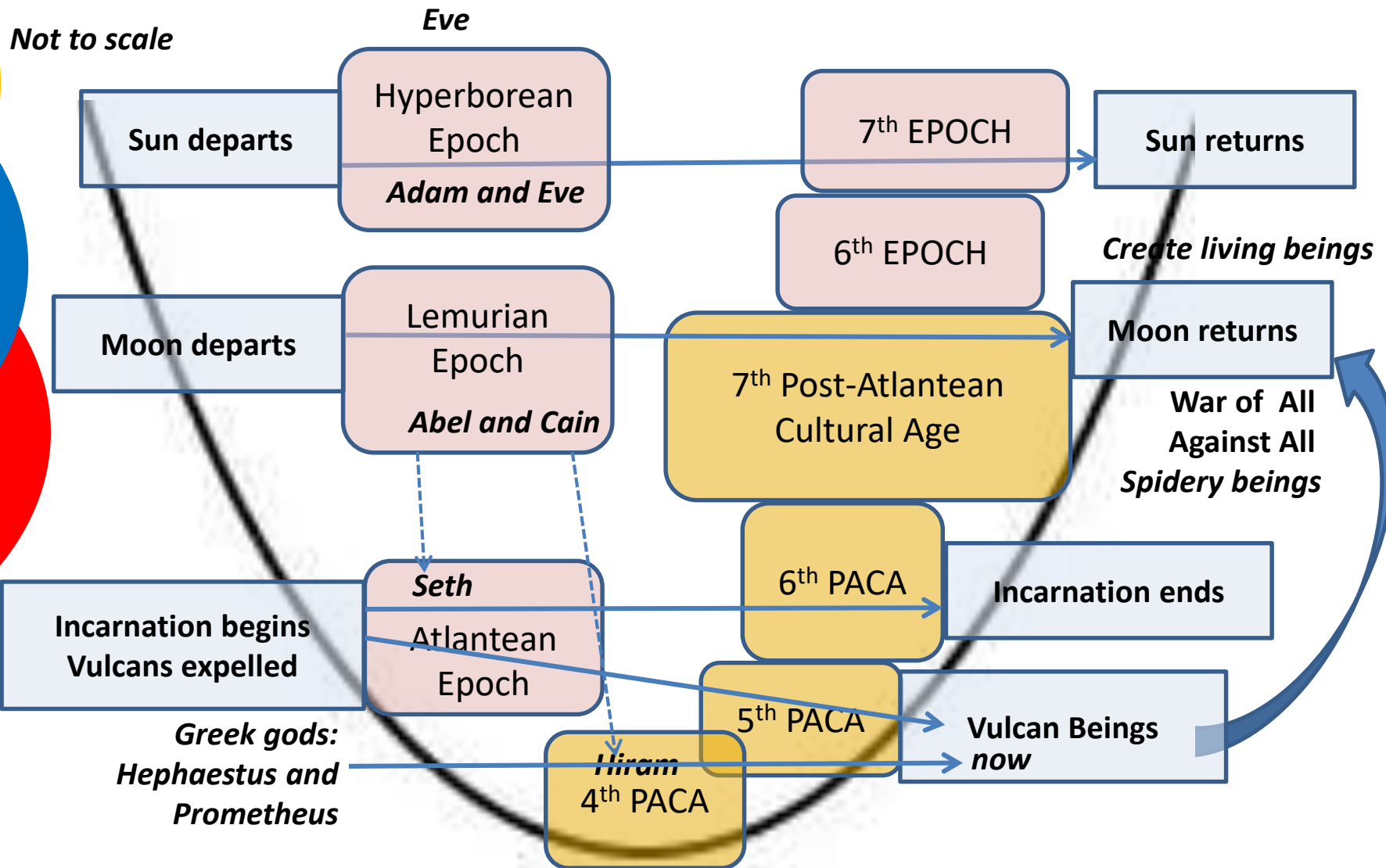
Physical Body as a Machine

- “Meditation influences the work of the astral body upon the physical and etheric bodies during the night. Only **beneficent beings must be allowed access to the human being** ... He who seeks initiation must achieve the utmost calm. This includes the avoidance of all stimulants, especially alcohol.”
- “The relation of the astral body to the physical body, is like that of **a workman to his machine**, but with the difference that in this case the workman is in the machine, he ensouls the various parts, and makes them move. This **resemblance of worker to machine** applies even better when the person lies asleep. The astral body then works from outside. What does it do? It makes good the damage suffered by the physical body during the day.” -- *The Gospel of St. John*, 26Feb1906, Berlin, GA 94

- | | | |
|---------------|--------------|-------------------|
| <u>Dome</u> | <u>Walls</u> | <u>Foundation</u> |
| Stars, Zodiac | Spheres | Earth |

Only you can order/beautify this temple!
Who can enter this temple besides you?
Etheric Christ (but that's not all!)

Cycle of Evolution for Mankind



Vulcans to the rescue

- Since 1880 **Vulcan beings** descend
 - From between the Moon and Mercury
 - Seeking entry to earthly evolution
 - To them we owe Spiritual Science
 - First Super-earthly Beings to bring messages
- **They seek to be the fore-runners of the end of the earth and the return of the moon**
- Understand their speech **only through Spiritual Science**
 - “Our shadowy intellect must be re-animated by Spiritual Science
- The human race **does not welcome these Beings**
 - Shock after shock will arise and the earth will dissolve into chaos if these Beings meet with opposition from humanity”



R. Steiner, Evolution of Human Freedom and Personal Consciousness, Dusseldorf, 19Jan1905
(no GA)

Question: why Vulcan? Hephaestus

Task of the Vulcan Oracle



- Atlantean oracles
 - Moon, Mercury, Venus, Sun, Mars, Jupiter, and Saturn. ...
[betrayal of Vulcan Oracle mentioned]
- “**On Atlantis**, people who were suited to develop this or that cognitive capacity were chosen from the population and assigned to one of the seven oracles.
- Of the seven oracles, which were named after the seven planets in ancient Atlantis, the Sun Oracle stood out from all the others, but next to it the **Vulcan Oracle prepared itself in secrecy for its future task.**”
- *The Principle of Spiritual Economy*, lecture 11, 31May1909, GA109

Experiencing the Etheric Christ



- Separation of etheric and physical at death
- It is only in the twentieth century that a renewal of the Christ-Event will take place, for this is when a certain general heightening of human powers of cognition begins. It brings with it the possibility that in the course of the **next 3,000 years**, and without special clairvoyant preparation, more and more persons will be able to attain a **direct vision of Christ Jesus** [but not with the physical eyes]
- Christ becomes the Lord of Karma, so that in the future it will rest with Him to decide what our karmic account is
 - *From Jesus to Christ*, lecture 3, GA 131
- Year 2000 + 3000 = Year 5000 as end of Christ's Appearance in the Etheric – what will this mean for human physical and etheric bodies?

Stages of Spiritual Development

- If a person has got as far as this, he comes to the **fifth stage**, the **mystical death**.
 - The whole world appears as if covered with a veil. Everything around has lost its old value. While a person feels himself thus lost in darkness, suddenly the veil is rent and he begins to see the ultimate spiritual and original aim. He gazes into a quite new, world.
 - At the same time he learns to recognise what lies at the bottom of the human soul. He becomes a **second person** by the side of himself and looks down on his lower self, which is separated from him.
 - **His body is the mother** that he sees standing below him and the transformed lower self is the disciple who bears witness that Christ lives. Now the higher self can say to the lower self, “Behold thy mother!”
- When a person has gone through this fifth station he can progress to the **sixth stage**, the **burial and resurrection**.
 - Everything pertaining to this planet becomes the body of the Christian mystic. He feels as though the whole earth was part of him. **He has ceased to be a separate being**. He is one with the whole life of the earth.

The Gospel of St. John, 26Feb1906, Berlin, GA 94

See also *Occult Science and Occult Development*, 1May1913, London, GA 152

Conclusions

- Fearsome future forecast, but we will not fear
- Building the Temple in the midst of infertility
 - Inviting Vulcans into our evolution
 - Etheric Temple – with Etheric Christ
- Prepare our future according to divine will
- Cultivation of the Mysteries of Technology is justified
 - Inner being, moral being, intention, fire
 - Robotics likely necessary for our future
 - Hephaestus (= Vulcan)
 - God of Technology & Smiths
 - Representatives here to help us



Context

- Building a man-made world
 - Build first the Temple
 - Like a child, learning to build Jupiter
- With the gifts from Ahriman (future)
 - Those to be on the human stage of Jupiter are here now
 - Once-Sun beings, Vulcans, are here to help
- Cosmos where Love is experienced as now Wisdom is

Painting by Carolina Allen

Further Research

- Robotic bodies into which we 'avatar'?
- Countenance for these bodies
 - Good and Evil revealed
- Who can use such bodies?
 - Other humans? Other beings?
- And my double?
- Jupiter-Humans?
- Moral Technology?
 - Interface
 - As a driving force
 - Mechanized Beasts
- What's Physical Reality?



Tomorrow

www.mystech.co

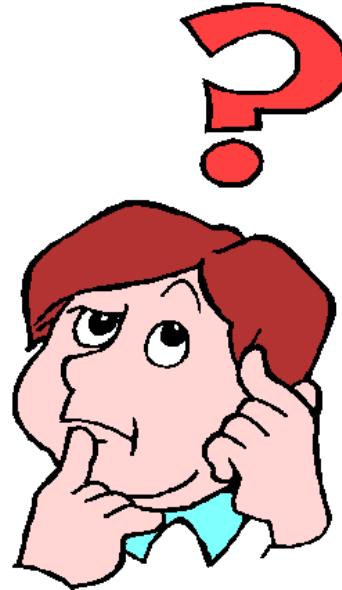
October 28, 2017 Workshop: Exploring the Future Mysteries of Technology, Cultivating a Moral Technology

- 09:05-09:30 Registration, social time, tea/coffee
- 09:30-10:30 **Will Merging Through Rhythms and Ethers Give Us a Moral Technology?**
- 10:30-10:45 Break
- 10:45-12:30 Structured Discussion:
The Challenge of Our Times





Q&A



**“Out of desperate circumstances, the new Christ experience will evolve.
Trying outer circumstances will become inner soul trials.
Out of these soul trials, vision will be born.” -- R. Steiner, *For the Michael Age***



The Stars Once Spoke to Man

The Stars once spoke to Man.
It is World-destiny
That they are silent now.
To be aware of the silence
Can become pain for earthly Man.

But in the deepening silence
There grows and ripens
What Man speaks to the Stars.
To be aware of the speaking
Can become strength for Spirit-Man.

Rudolf Steiner

Facing the Future

- We must eradicate from the soul all fear and terror of what comes towards Mankind, out of the future. We must look forward with absolute equanimity to whatever comes, and we must think only that whatever comes is given us by a world direction full of wisdom.
- It is part of what we must learn during this age, namely to act out of pure trust in the ever present help of the spiritual world; truly nothing else will do if our courage is not to fail us.
- Therefore let us discipline our will, and let us seek the awakening from within ourselves, every morning and every evening.

Rudolf Steiner



MysTech: Mysteries of Technology

- Sponsored by The Center of Anthroposophical Endeavors (CFAE) of Seattle, WA.
 - Non-profit, started in 1982 as Friends of Anthroposophy
 - Founded
 - Golden Garden Waldorf School and Seattle Waldorf School
 - Two puppet theaters
 - Hosted hundreds of lectures, workshops, and performances
- MysTech: devoted to cultivating moral technologies
 - Founding meeting June 12, 2017, 10 founding members
- Membership to support R&D
 - Moral interface to machines
 - Journal, website, classes

More info at: <http://rudolfsteinerbookstore.com/product/mystech-membership/>



Recommendations

1. **Movement:** Get up twice per hour – get tea, go chat
 - Stand, don't sit for more than 5 hours per day
2. **Eyes:** Place screen near window – look outside often
 - 20-20-20 rule
 - Go everyday, same time, for a long walk, **10K steps/day**
3. Know your home's **EMR** and its sources
 - iPhone [app](#) (Fallen Angel Creations)
4. **Shut down at night** (turn off power esp. WiFi)
 - And at dinner, make it engaging, sacred
5. Cell and cordless phones – keep away, use speaker mode, ECO
 - Cell phone sleeves: <https://www.safesleevecases.com/> (99%?)
6. Smart meters - avoid
7. Fasting (weekly), Habit Changes (monthly), Annual blood tests



Is Electricity Evil?

- During the 5th post-Atlantean epoch, people will have to struggle with evil in the same elemental way in which they struggled with birth and death during the Atlantean age
- Particularly through the control of the different forces of Nature, the impulses that lead to evil will send their influences into the world in an immense, gigantic form
- The forces of good will have to *grow out* of the opposition to evil, and man will have to draw the strength for this opposition out of spiritual sources
- This will take place above all during the 5th epoch, **when the exploitation of electric forces**, which will assume quite different dimensions from those which they have assumed so far, will enable man to **spread evil over the earth**, and **evil will invade the earth by coming in an immediate way out of the forces of electricity.**
- *The Overcoming of Evil*, R. Steiner, Dornach, November 4, 1917, GA 273



Modern Technology and the Role of Evil

- Wherever electricity is used, there is demon magic
 - Demon magic signifies progress – we should not oppose progress – R. Steiner, *Karma of Vocation*, lecture 9, GA 172
- In the fifth post-Atlantean epoch illusion, Maya itself, will be seized upon by Evil. It will all be permeated by cleverness, intelligence
- The human being can only come to **spiritual freedom** by growing strong against the resistance provided by evil
- Human beings will have to accustom themselves to regard the inrush of the forces of Evil as an inrush of very laws of Nature
 - We will learn to know them and what lives and moves in the very depths of things
- We must not regard Evil from the outset as one would, who in the fullness of his egoism merely wanted to get away, to flee from it
 - We cannot do so but we must penetrate it with consciousness; we must learn to know it — really learn to know it
- Above all, in our time, already a force is preparing in the realm of human beings a force which tends to create illusions that are harmful and destructive – R. Steiner, *The Problem of Faust*, lecture 6, 4Nov17

WHO'S MOST THREATENED BY AUTOMATION?

