



Rudolf Steiner's Surprising View of the Future

Renaissance 2.0

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

Andrew Linnell

jandrewlinnell@yahoo.com

www.mystech.co



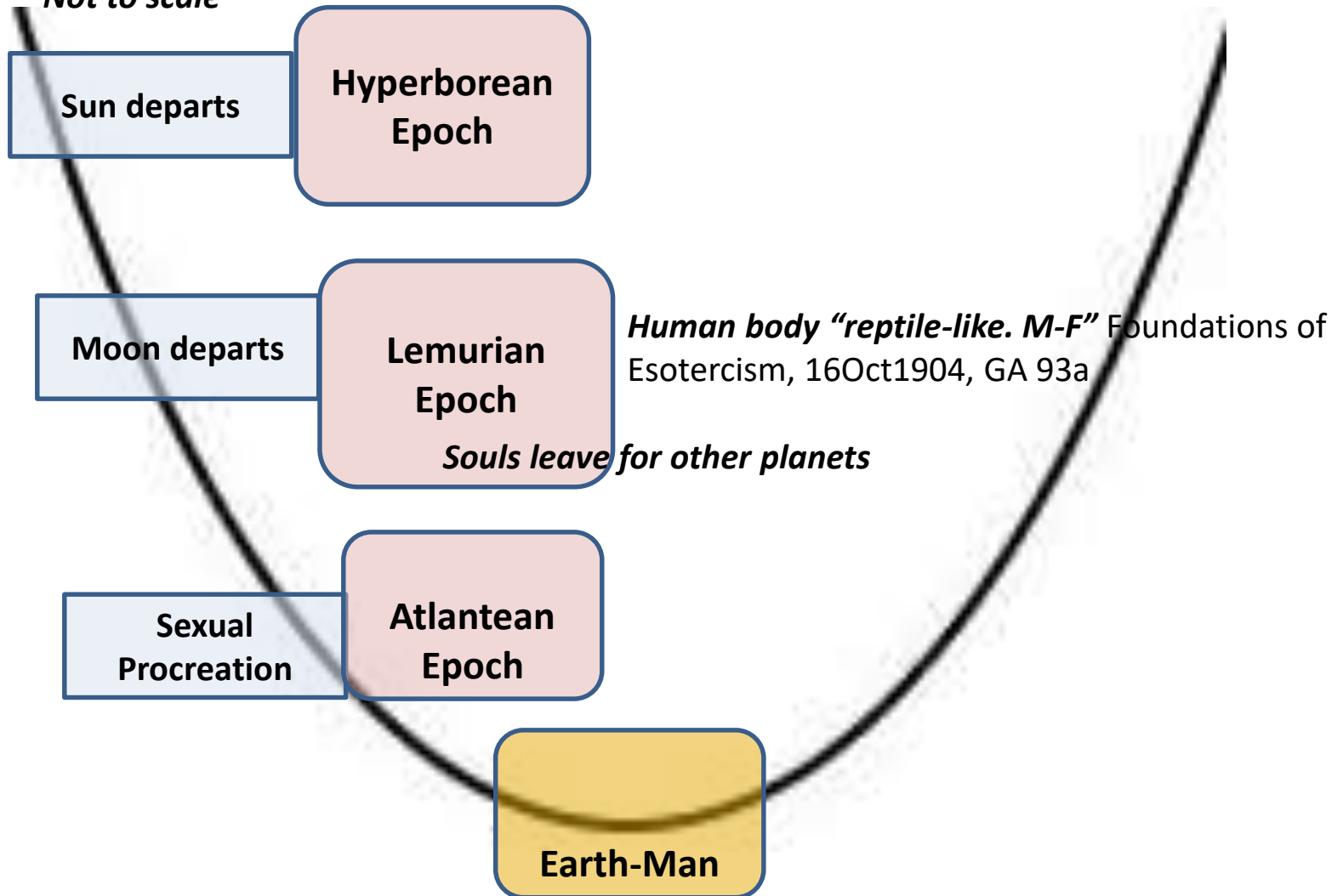
Facing the Future

- 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.

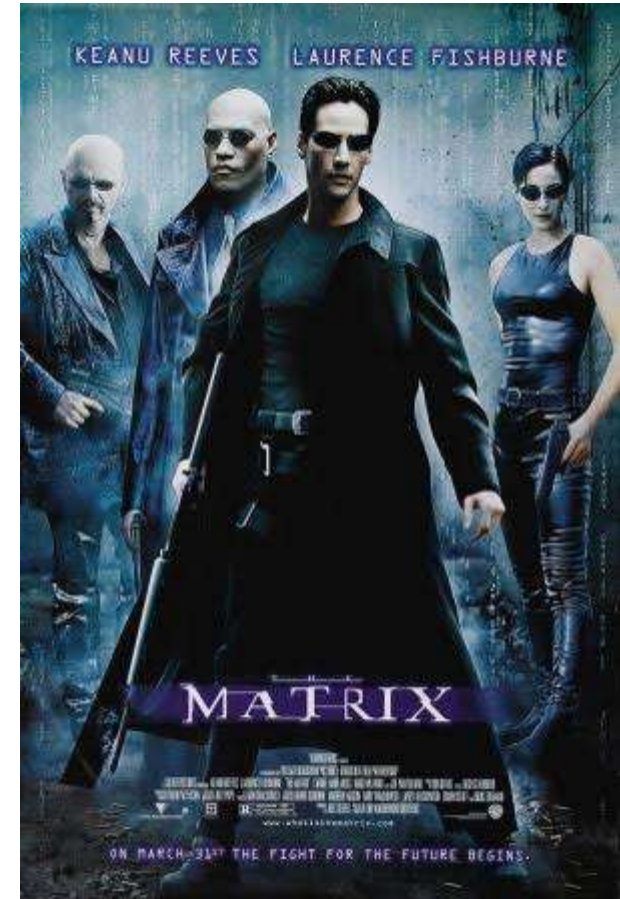
Rudolf Steiner

Past Evolution of Mankind

Not to scale



What is Your Picture of the Future (2050 →)



What is the
Human Being?

What Are the Good Purposes of Technology?

- Vulcan: tech god abandoned by his own mother, Hera
 - Next generation after Zeus
 - Sons usurp the throne
- Emancipation from labor
 - Physical
 - Mental
 - Freed from dead thinking
- Future of the double?
 - Man possessed by demons
 - Mark 5:1-18
 - To move 'higher' we must push down that which we then must redeem later





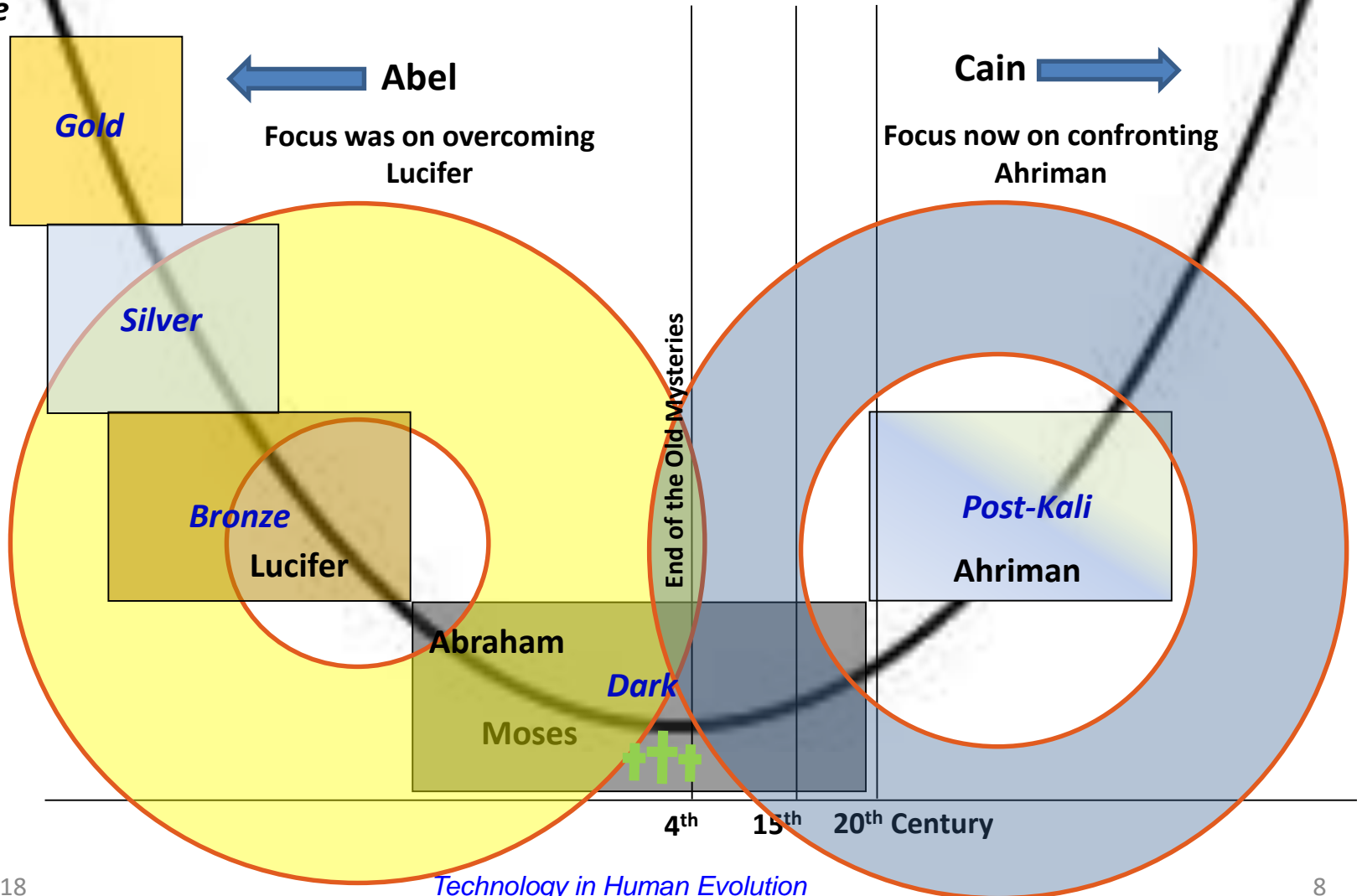
Healing of the Man Possessed by Demons

- Then Jesus demanded, “What is your name?”
- And he replied, “My name is Legion, because there are many of us inside this man.” ¹⁰ Then the evil spirits begged him again and again not to send them to some distant place.
- ¹¹ There happened to be a large herd of pigs feeding on the hillside nearby. ¹² “Send us into those pigs,” the spirits begged. “Let us enter them.”
- ¹³ So Jesus gave them permission. The evil spirits came out of the man and entered the pigs, and the entire herd of about 2,000 pigs plunged down the steep hillside into the lake and drowned in the water.
- ¹⁴ The herdsmen fled to the nearby town and the surrounding countryside, spreading the news as they ran. People rushed out to see what had happened. ¹⁵ A crowd soon gathered around Jesus, and they saw the man who had been possessed by the legion of demons. He was sitting there fully clothed and perfectly sane, and they were all afraid. ¹⁶ Then those who had seen what happened told the others about the demon-possessed man and the pigs. ¹⁷ And the crowd began pleading with Jesus to go away and leave them alone.

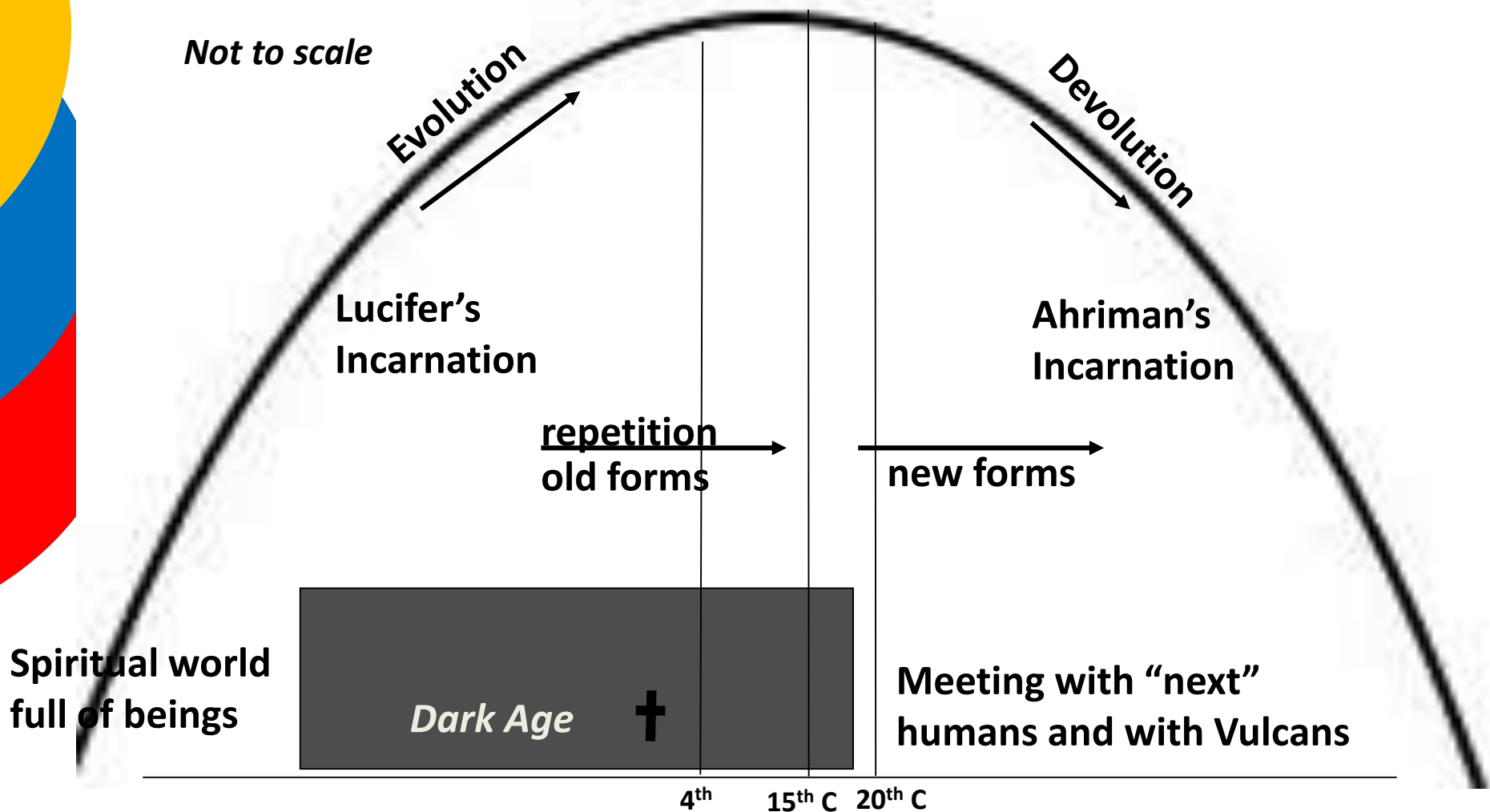
Age

Not to
scale

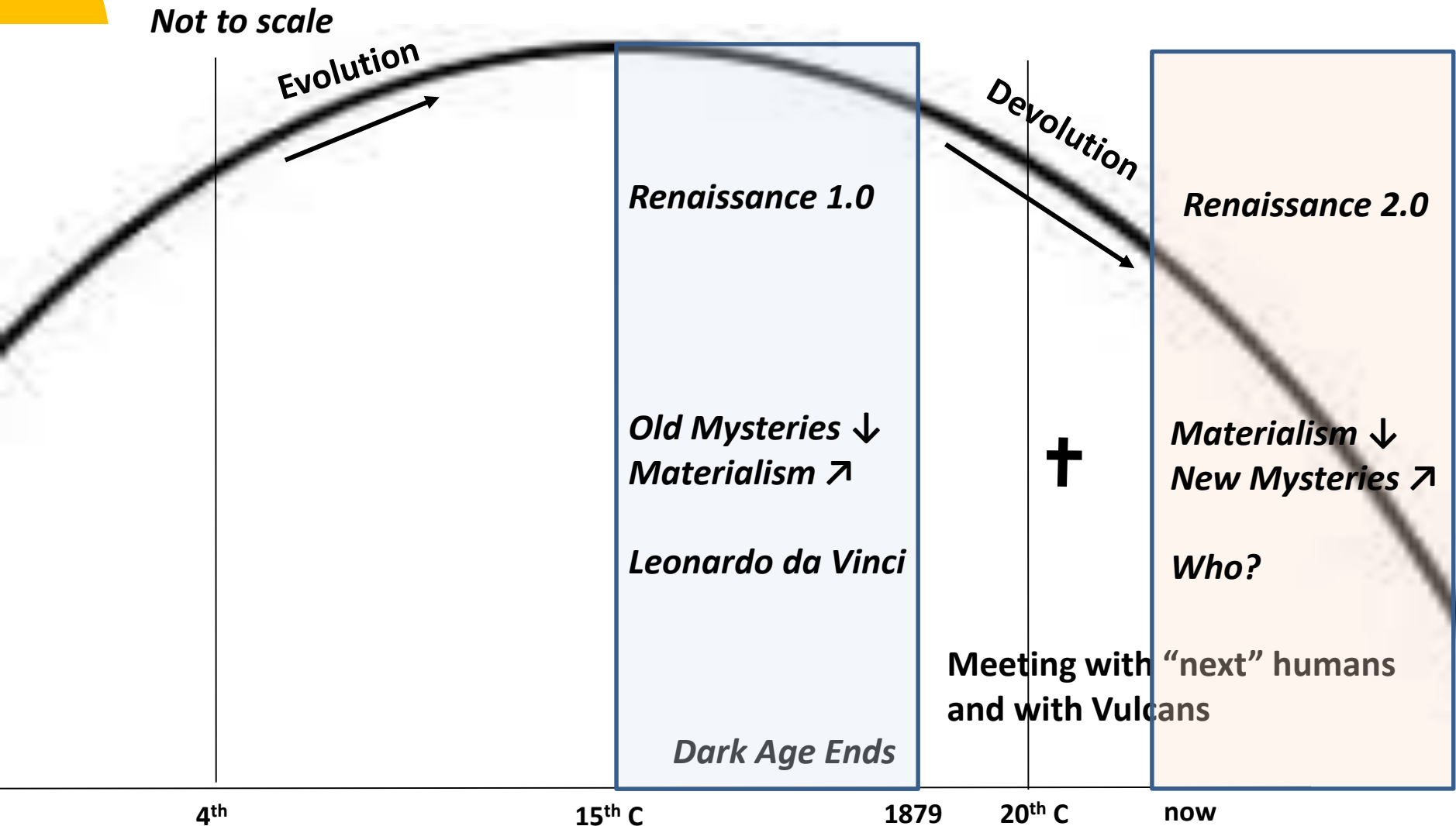
Cosmic Overview many prior dramas



Post Atlantean Evolution



Closeup: Post Atlantean Evolution



Now! 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 begin, 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?

Mid-Point Changing of the Guard

- After 15th Century – beings ascending, finished work
- Spirits of Personality (Archai) to level of Exusiai (Form)
- Archai do not intercede but wait for us to rise to them
- **Freedom**
- Michael
- 1879 on
- Atma



- *Evolution towards Jupiter has begun!*

Now in Devolution – Get Used to It!

- “We really are no longer in this world to take care of our own organization; we do still incarnate, but no longer in order to take care of our own organization
- This organization evolved until the middle of the Atlantean age, or until ancient **Greek times** when, **human bodies were as perfect** as they can be during time spent on earth
 - Not until Jupiter will humans achieve a higher level of physical perfection
- Now, we are really here to be part of a **downward curve** of evolution, to incarnate in order to learn and experience all manner of things by the very fact that we are in **bodies which are dying, increasingly crumbling and withering** away
- The fact is that anything we **inwardly develop** and inwardly are, will **no longer** become **part of** the **outer physical body** to the same extent as it did in the past
 - The Exusiai are moving on ...
- Consequence of this will be **all kinds of changes in development”**

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

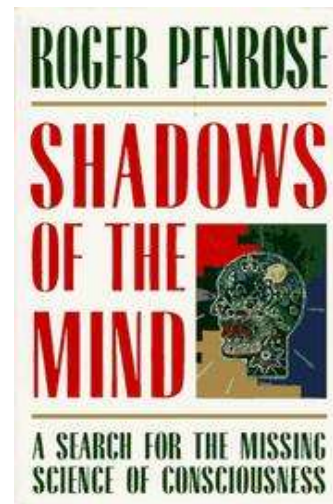
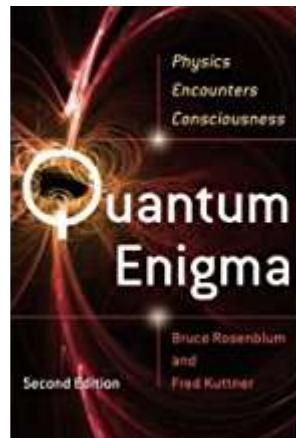
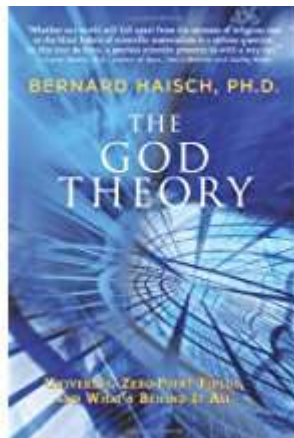
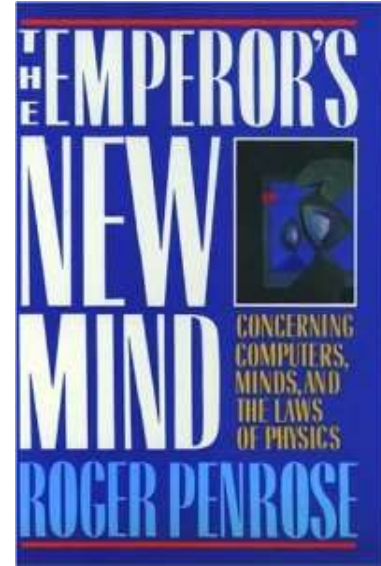


Renaissance 2.0

- Has already begun, a revolution within Science
- Begin with the Human Being
 - Epistemology: How do we know that we know
 - Or what we know?
 - What must be at the first gate for all Science?
 - Thinking about thinking, cognition as a mental process
 - What of the human being is earthly?
 - What is heavenly? What is our relationship to the stars?
 - 3-Fold Human: Head (nerve-sense), Heart/Lungs (rhythmic), Limbs (metabolic) – Thinking, Feeling, Willing
 - Fixed Stars, Moving Stars, Earth : Spirit, Soul, Body
 - 4-Fold Human: Elements and Ethers (and sub-physical ethers)

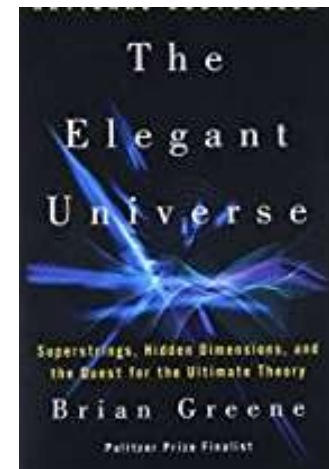
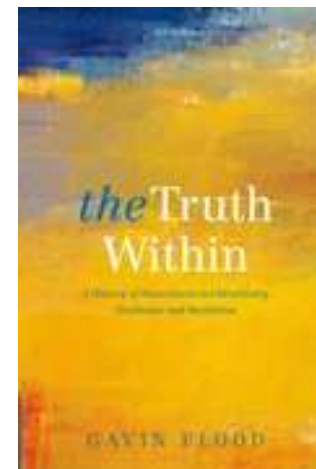
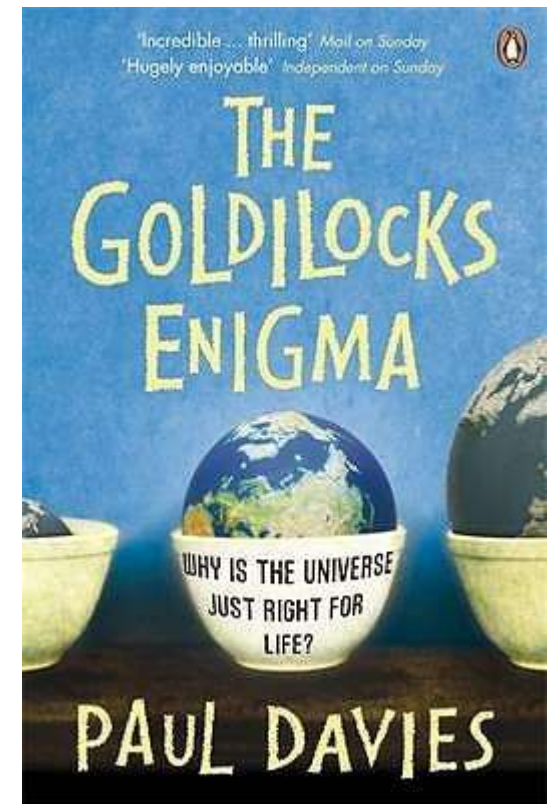
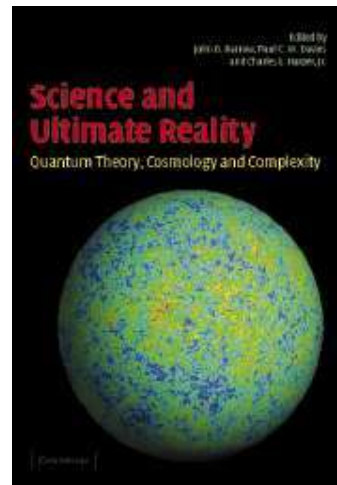
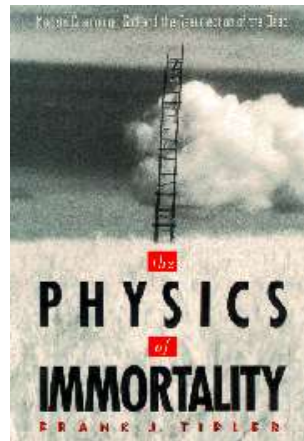
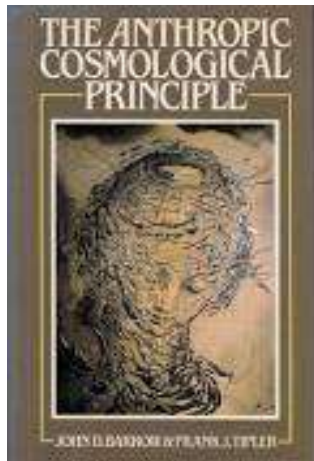
A Revolution in Science is Underway!

- Materialism still rules
 - but its strength is eroding rapidly
- A new paradigm, a new view of reality
- A new model of the human being is desperately needed
- We have about 20 more years to ensure Renaissance 2.0 is established -- Steiner's goal



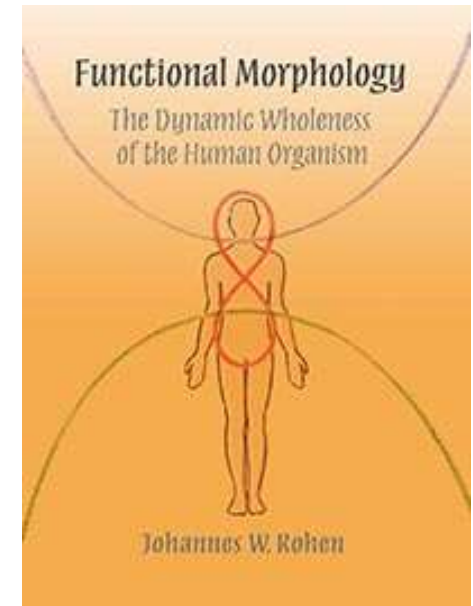
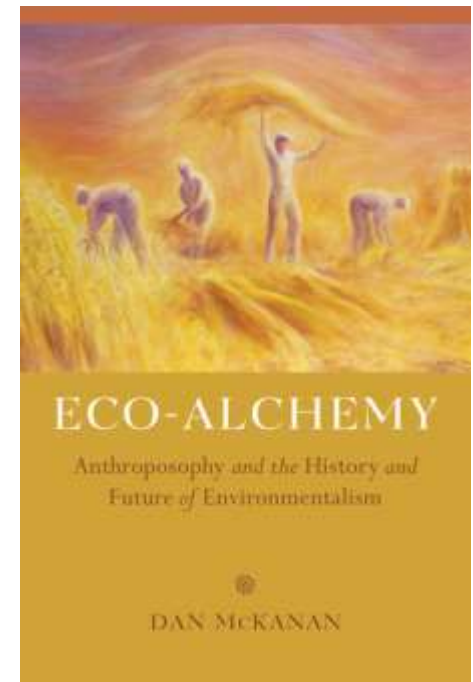
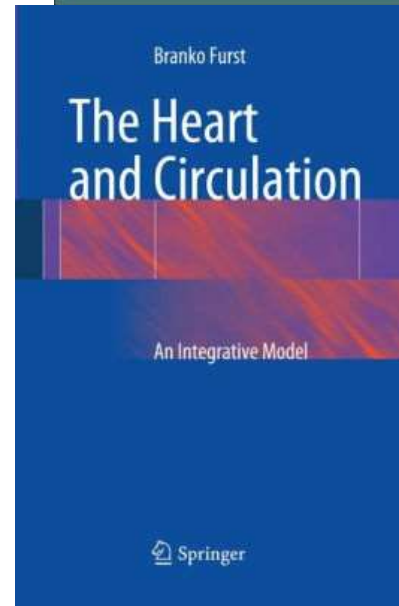
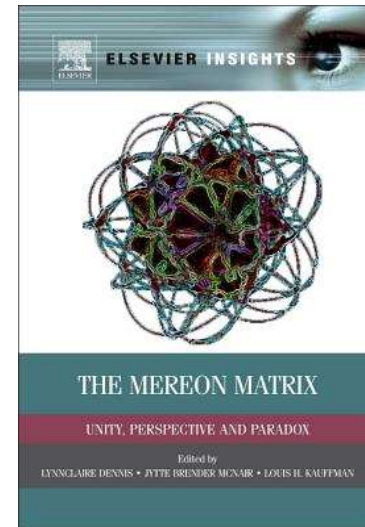
Astro-Physics

- *The Anthropic Cosmological Principle* by John D. Barrow



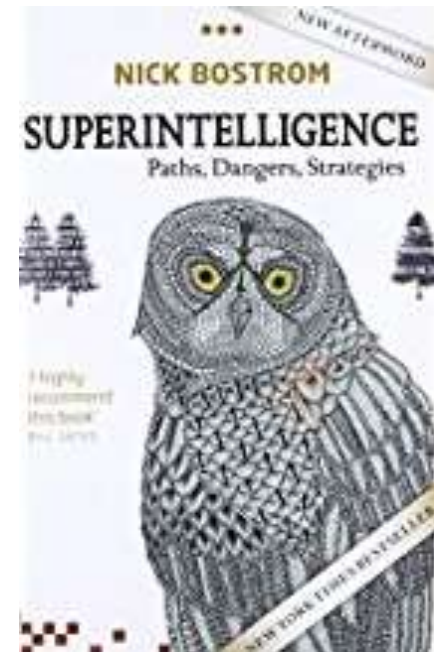
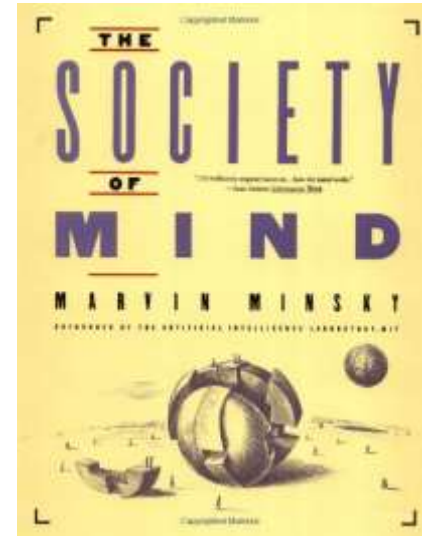
Many Fields of the Revolution

- Ecology
- Agriculture and Nutrition
- Botany, Zoology, and Biosciences
- Medicine
- Anatomy
- Optics, Color, and Light
- Fluid Dynamics
- Education
- More ...



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





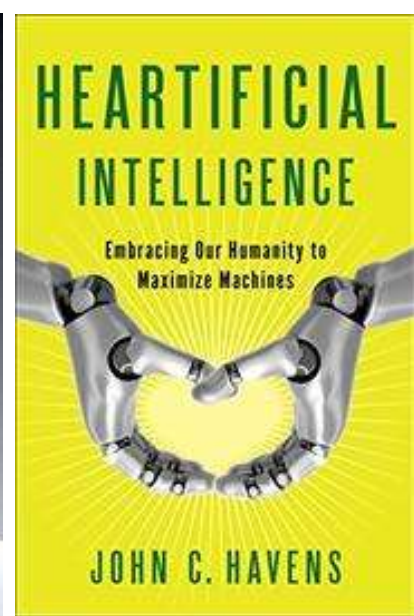
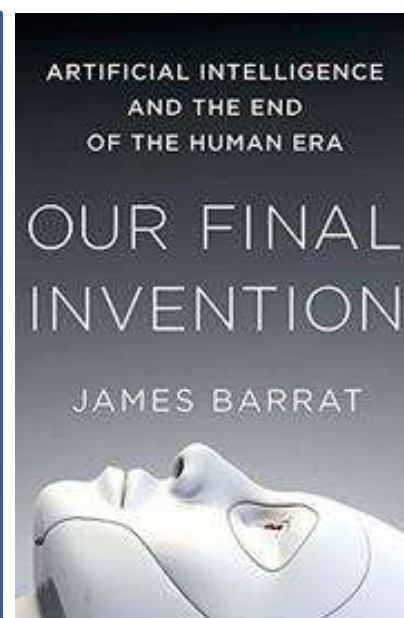
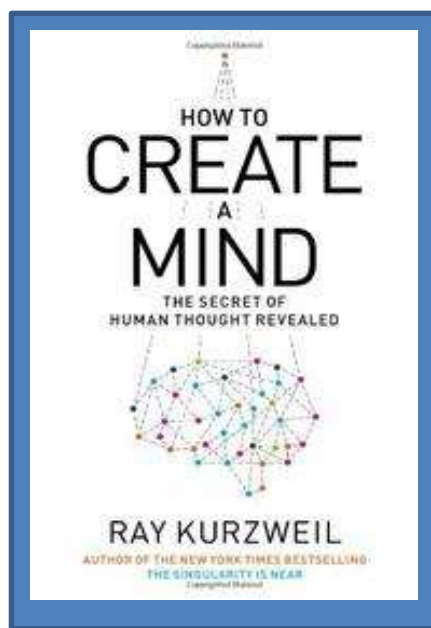
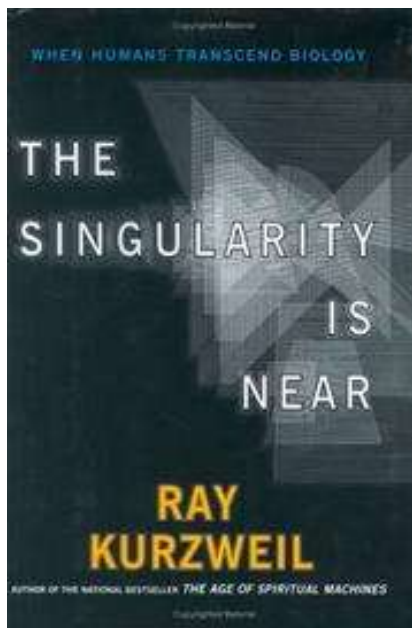
In the Near Future, Michio Kaku @ WGS Dubai

- The word ‘computer’ will disappear because the devices will be ubiquitous: along our streets, clothing, and in us
- “There will be nothing that is *not* a computer”
- 3D printing: if you can imagine it, you can create it
 - Shoes, jewelry, rain gear, tools, parts, toys
 - Download and print it at home
- Medical monitoring, medical nanobots you swallow
- Smart meters, smart toilets, smart walls
 - Built-in screen(s) for TV, laptops, phones, security, AR
- <https://futurism.com/michio-kaku-life-20-years-future/>

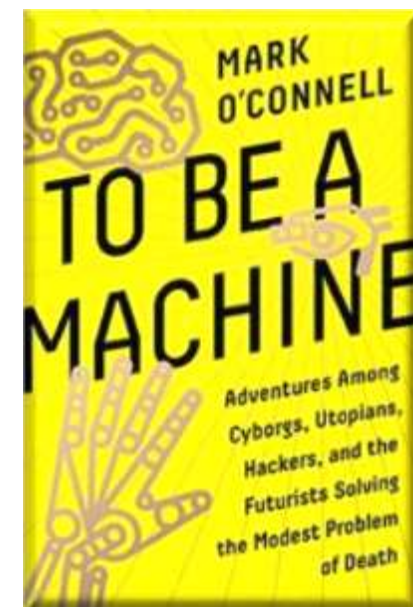
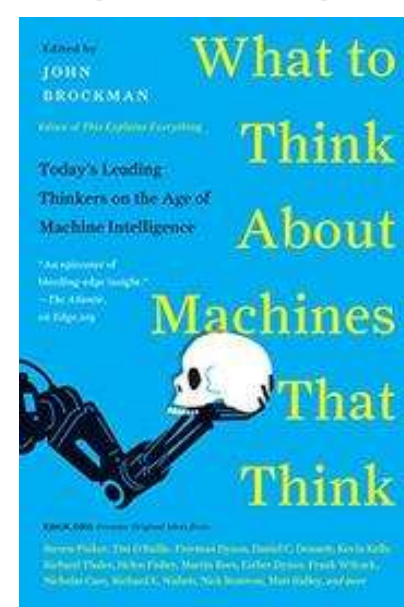
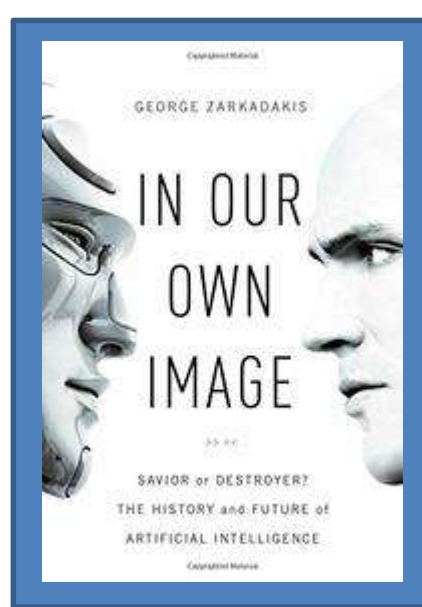
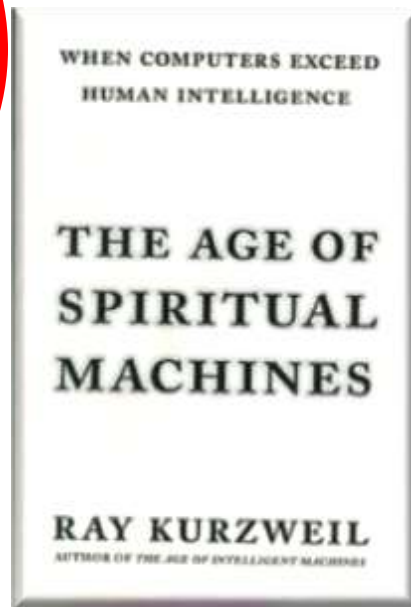
In the Near Future, Jennifer Gidley

- Australian psychologist and educator
- University of Technology, Sydney
 - Institute of Sustainable Futures
- President of the *World Futures Studies Federation*
- On 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. **Scientistic:** dehumanising, and atomistic, 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, 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





Transhumanism: overcoming biological limitations





Comparing Visions of the Future

Ray Kurzweil

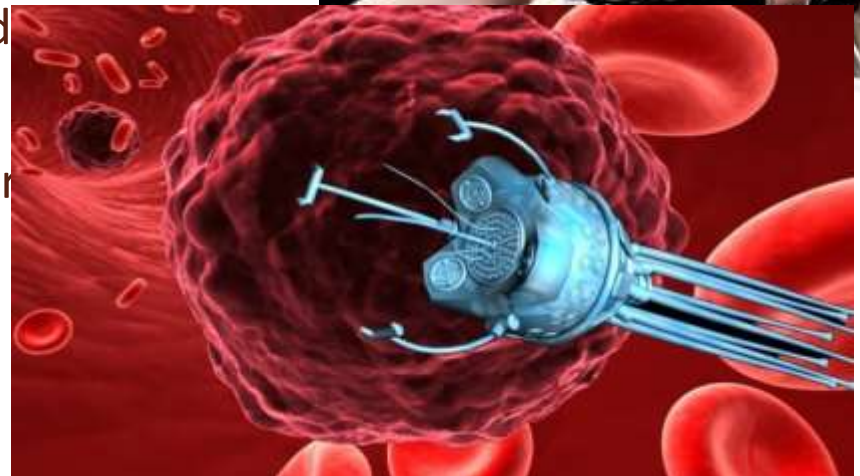
- Transcend biology by merging with non-biological systems
- Merger of our biological thinking and existence with our technology
- By 2030 man will be less human and more machine, with bodies filled with nano-robots and artificially enhanced to be much stronger and billions of times more intelligent
- "[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

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



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.***

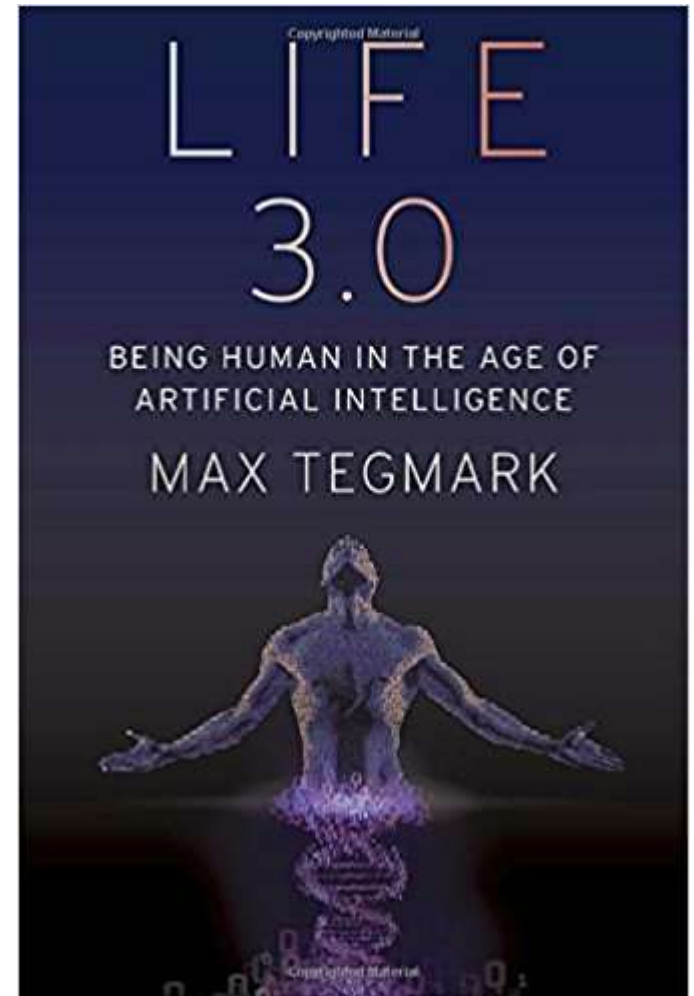
The Balance in the World and Man, Lucifer and Ahriman, Rudolf Steiner



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.”
- What would Steiner say?





Spirits of Birth and Death

- Now being freed up; entering industry and commerce
 - At the boundary between spiritual world and physical world
- Wherever electricity is used, there is demon magic.
Demon magic signifies progress – we should not oppose progress
 - *Karma of Vocation*, lecture 9, GA 172
- In the fifth post-Atlantean cultural age **illusion**, Maya itself, **will be seized** upon by **Evil**. It will all be **permeated by cleverness**, intelligence [AI]
 - *Leonardo da Vinci, His Spiritual and Intellectual Greatness At the Turning Point of the New Age*, Rudolf Steiner, Berlin, February 13, 1913, GA 62



Spirits of Birth and Death

- The human being can only come to spiritual freedom by growing strong against the resistance provided by evil.
 - 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**
 - Learn to know them and what lives and moves in the very depths of things
 - We cannot do so but we must penetrate it with consciousness; we must learn to know it — really learn to know it [evil]
- All progress takes this course: wherever what has been created falls into ruin, we know that out of that ruin new life will always blossom
 - *Leonardo da Vinci, His Spiritual and Intellectual Greatness At the Turning Point of the New Age*, Rudolf Steiner, Berlin, February 13, 1913, GA 62



Building Anthroposophy Upon Science

- “What was quite impossible in earlier times — to find any reality in the external world — is now a possibility through the very circumstance of our having become **inwardly hollow**. And this possibility **will increase**. ...
- Ancient times reached **knowledge of the world through knowledge of man**. Speaking theoretically, we might say that what man went through as a **life-process** was, when completed, knowledge of the world; and with knowledge of the world in his consciousness, he could work back to man.
- If today you pass through **forms, life, and consciousness** of this world, what you really reach in this way is **knowledge of Man**. Everything else in the knowledge of nature vanishes, and Man becomes comprehensible. In the same way, from having gained knowledge of the world, Man becomes comprehensible as a three-membered being — nerve-sense being, rhythmic being, and metabolic being. From Man we can then pass again to knowledge of the world.” -- *How Can Humanity Find the Christ Again?* Lecture 4



Reality in the Consciousness Soul Age

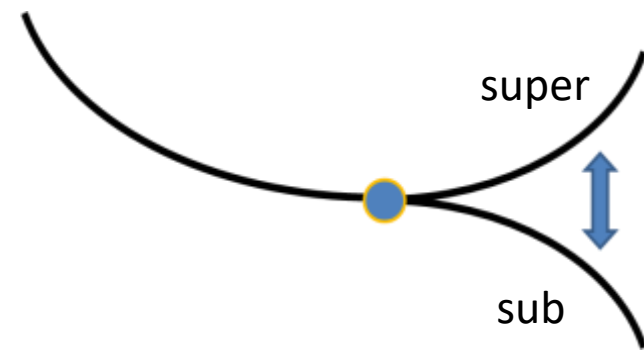
- “In our time, if a man really strives to **reach life through forms**, he must be able to say to himself: Even if I hold concepts ever so beautiful from this or that traditional religious confession, they may be quite fine, but I still do **not attain reality** by means of them unless I can also set the **opposite concept** before me.
- The reality, our true being, only shines into us and what we bear within us is merely the reflection.” – *lecture 5*
- **Spirits of Form**, were active; they revealed themselves to each supersensible consciousness. Now, it is the **Spirits of Personality** who work in Imagination of those who **go to meet them** (except in pathological cases).



From Natural to Spiritual Science

- “This present-day development demands of us that we strip away all that is out of date in current science, and really find our way into **new thought-forms**, so that in them we may reach not antiquated visions, but **imaginations built up with all our will**, which we may then offer to the objective process of the spiritual world and receive back **verified**.”
- When one attains a consciousness that is outside the body and outside the course of life, that is really in the spiritual world, then **will and conceptions flow together** again into one reality.
- Man **must** for once **dive down into this purely material life**, so that, **independent of it**, he may **gain the spiritual**.”

Higher Stages of Spiritual Development



- 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. The higher self says to the lower self, “Behold thy mother!”
- The **Sixth Stage, The Burial And Resurrection**
 - Everything pertaining to this planet becomes the body of the Christian mystic. 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



When is Modern Technology OK to Use?

- Transition Era: are children differently ‘equipped’?
- Let the foundations be constructed first
 - From where does a baby come?
- When the human “motor system” is ready (after)
 - Age 0: physical body born. Age 7: etheric body. 14: astral body
 - Importance of Play, Imitation of the Human
 - Lead by example like a god
- When what is built from above is ready for Earthly life
 - Puberty
- Importance of Movement
 - Postural alignment. Eurythmy. Rhythms. Harmonic oscillations.

Renaissance 2.0 in Education

a counterbalance to today's technological thrust

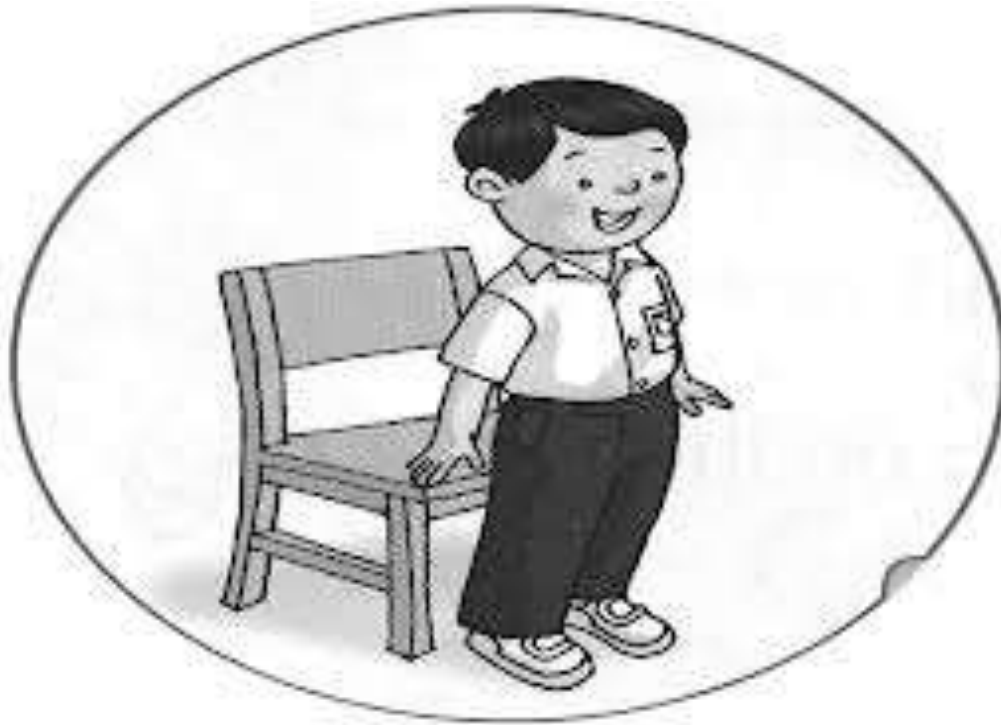
- “The essence of the human being can be understood only in connection with the cosmos”
 - “The human being is directly coupled to the cosmos”



spirit

soul

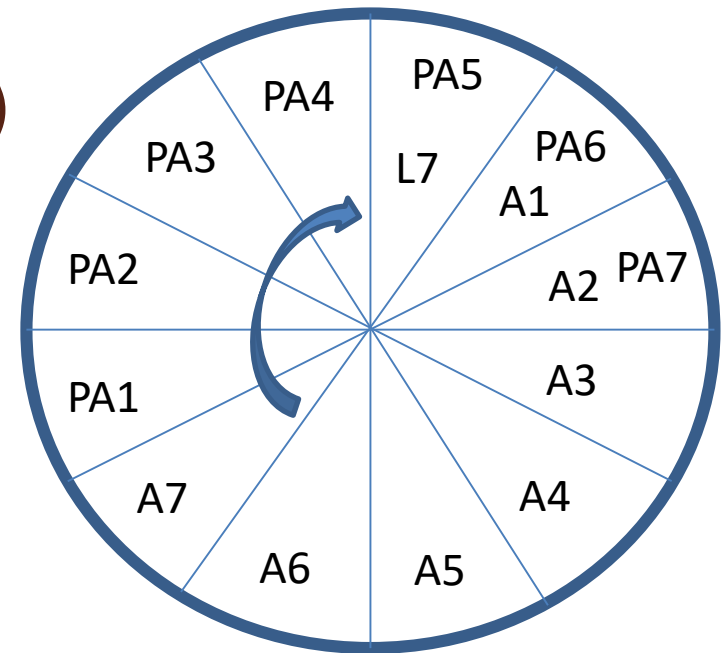
life



STAND UP, INHALE, EXHALE

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

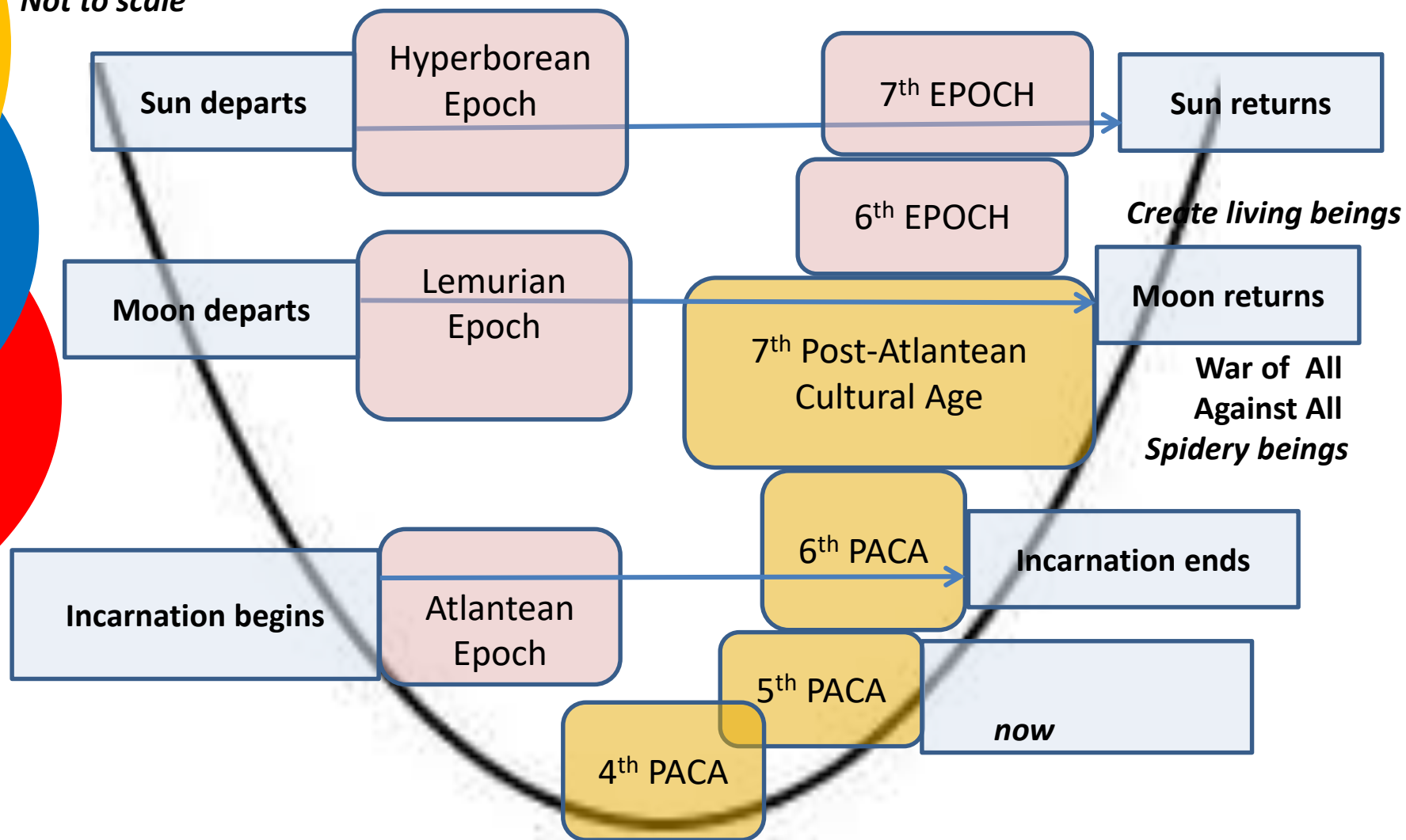


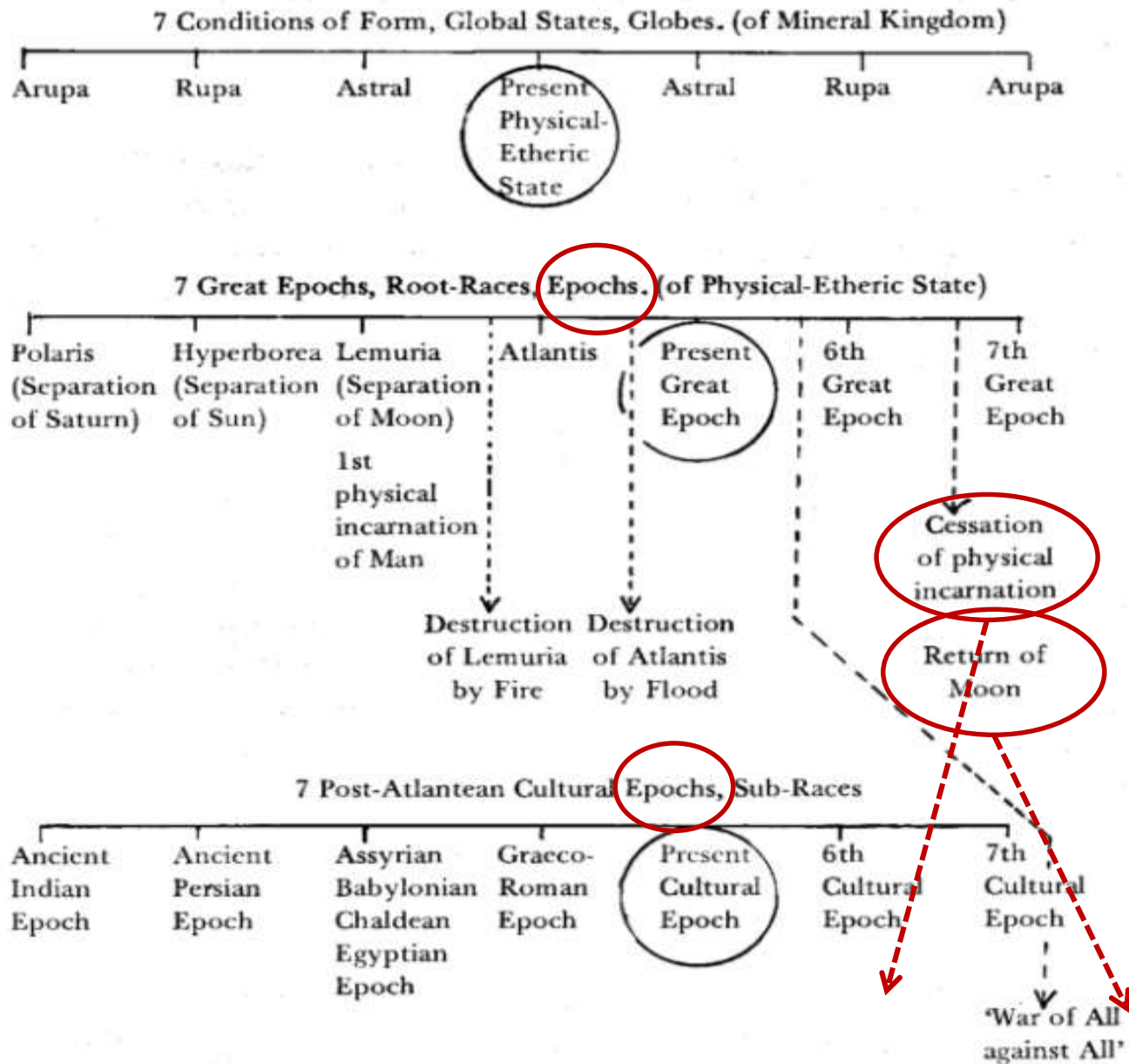
Each pie slice represents ~2160 today-years

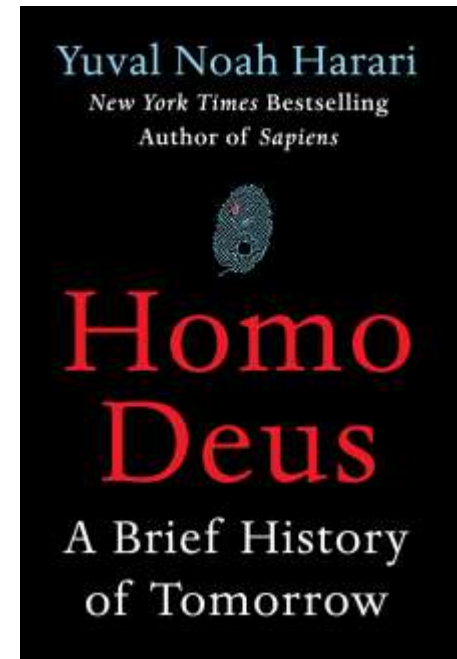
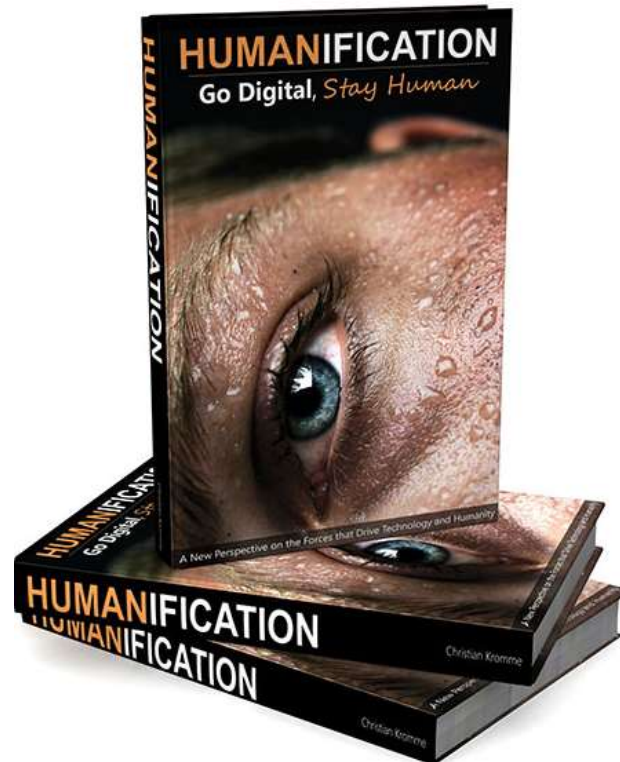
Source: *Evolution of Human Freedom and Personal Consciousness*, 19Jan1905, Dusseldorf

Cycle of Evolution for Mankind

Not to scale







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

Many authors artistically feel this future

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





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

- “The Exusiai have given form to the crystal which we extract from the Earth, just as we build our monuments and our **machines**. Just as in the past the Gods created the mineral world from a chaotic mass, so our cathedrals, inventions and even our institutions are the germs from which a future world will come to birth. Neither cathedrals nor **machines** have been built in vain.” *An Esoteric Cosmology, lecture XV, GA94*



Who Will Help Us Through the 7th PACA?

- Human fertility which depends on the powers of light for its impulses will gradually **come to an end** in the 6th PACA
- The **powers of darkness will have to intervene** so that the affair **may continue for a time**
- **6th PACA: Seeds** for it 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**
- **7th PACA: procreation** will be guided by impulses from the **cast-down Angels**, will come from **America**
[What kind of bodies are these?]

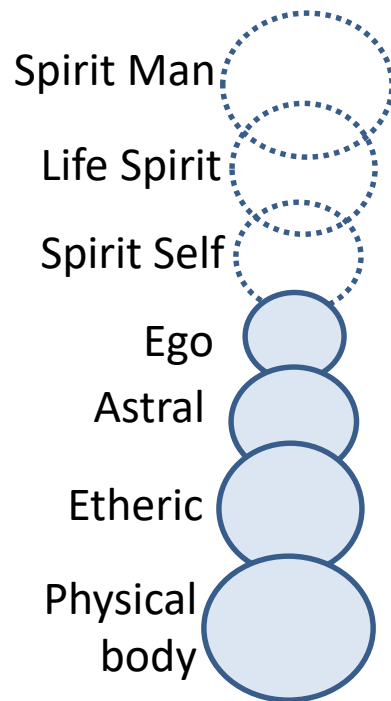
R. Steiner, *Fall of the Spirits of Darkness*, lecture 14, 28Oct1917, GA 177

Transition Time

How do we get from

Here

to HERE?



What happens to the Temple?

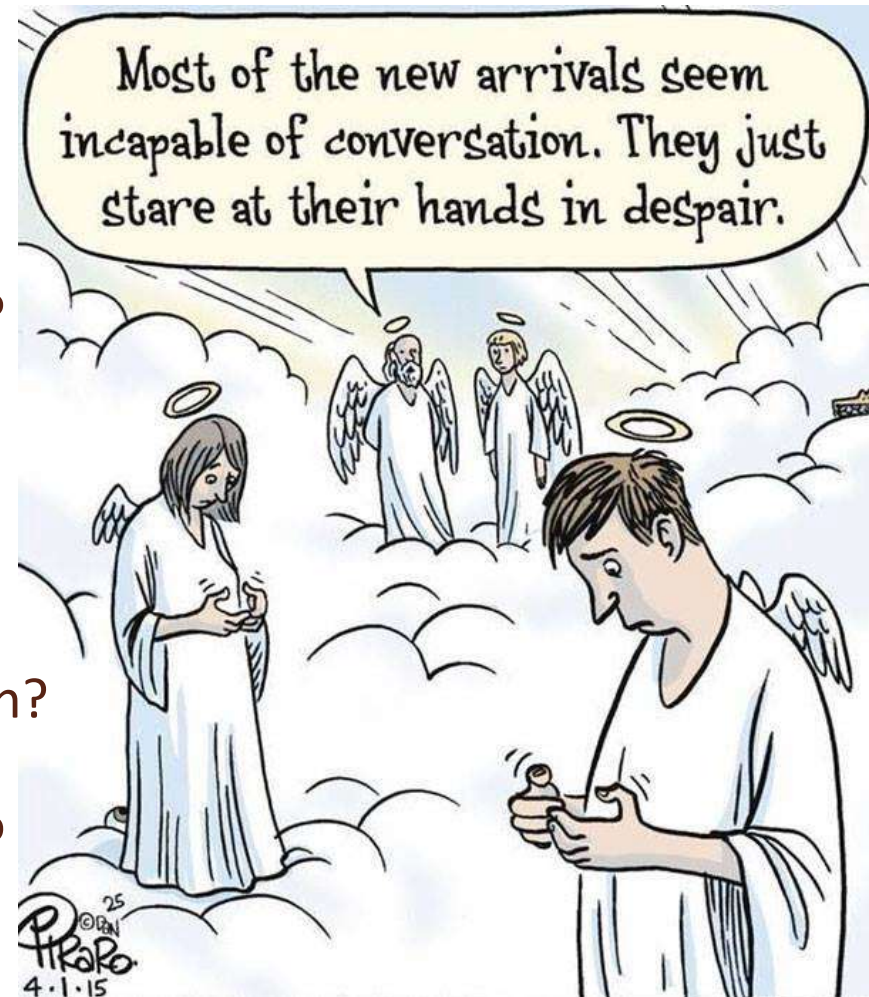
Housing for The Three

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





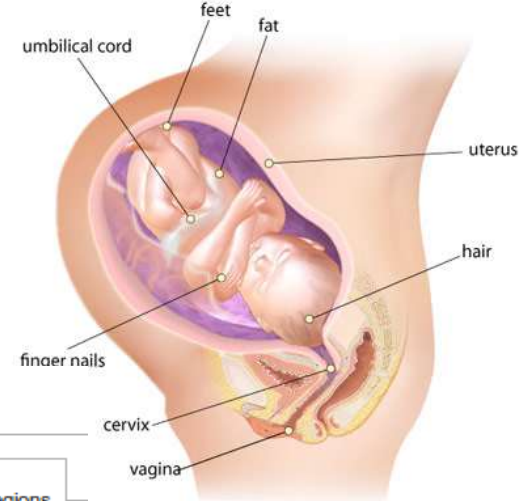
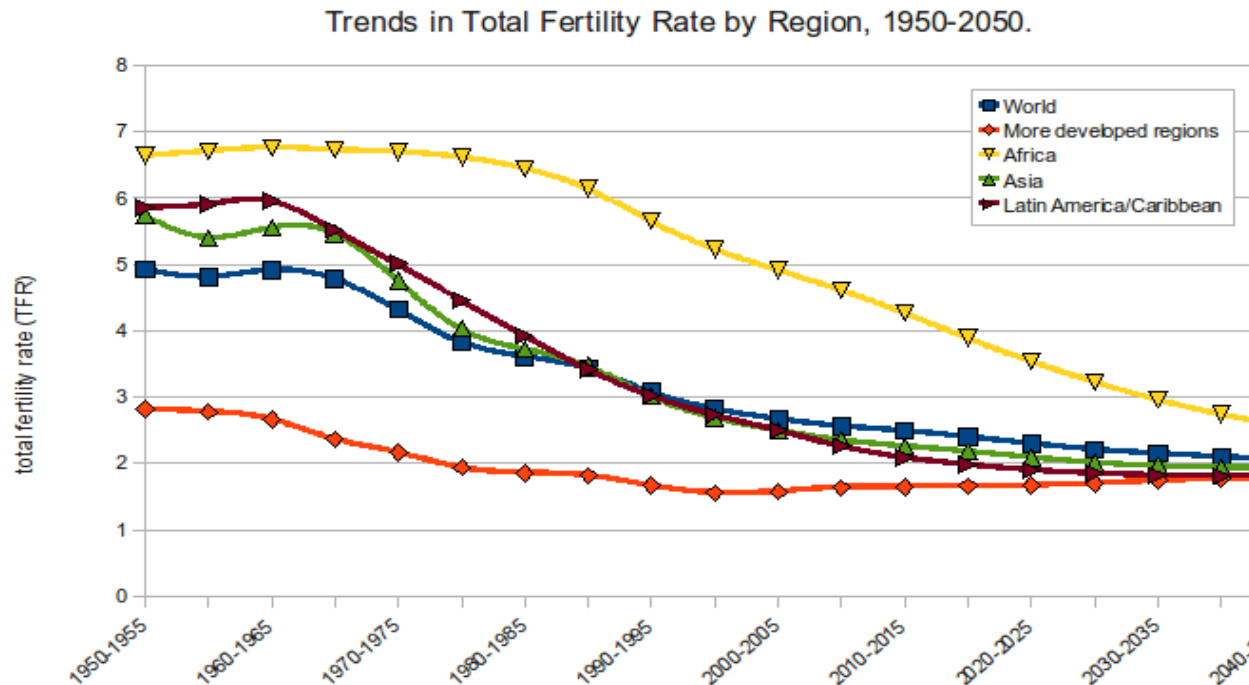
Fact Check

**FERTILITY CHANGING:
DOES SCIENCE AGREE?**



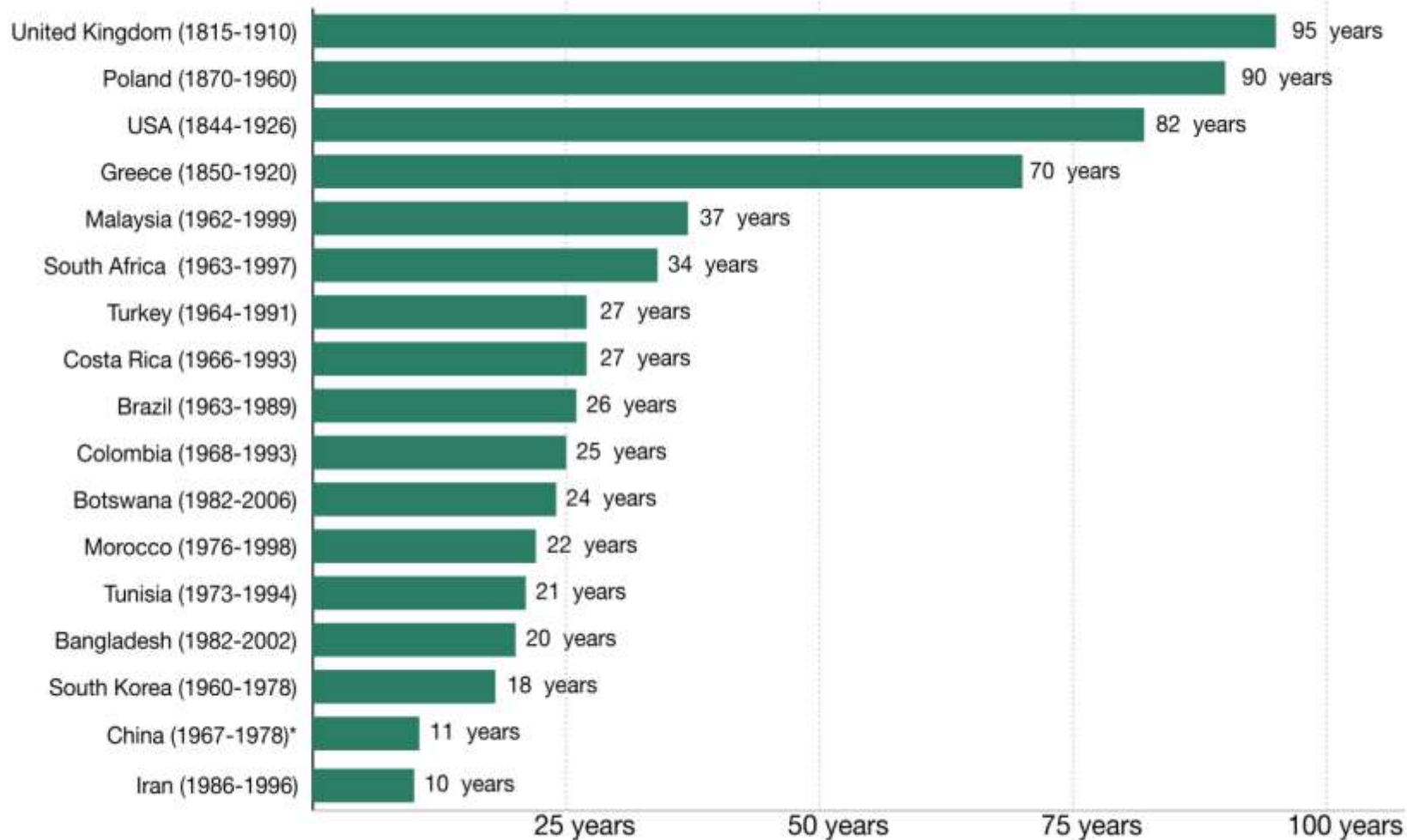
USA Fertility Rate

- 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** (today, what tomorrow)
- 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?



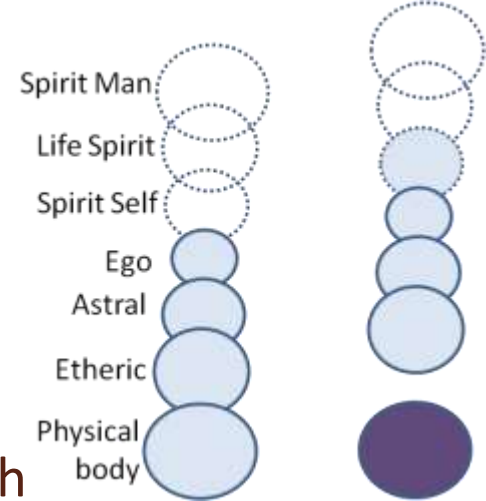
Credit: Partridge et al./Nature Communications



WILL WE THROW OUT THE BATHWATER WITH THE BABY?

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

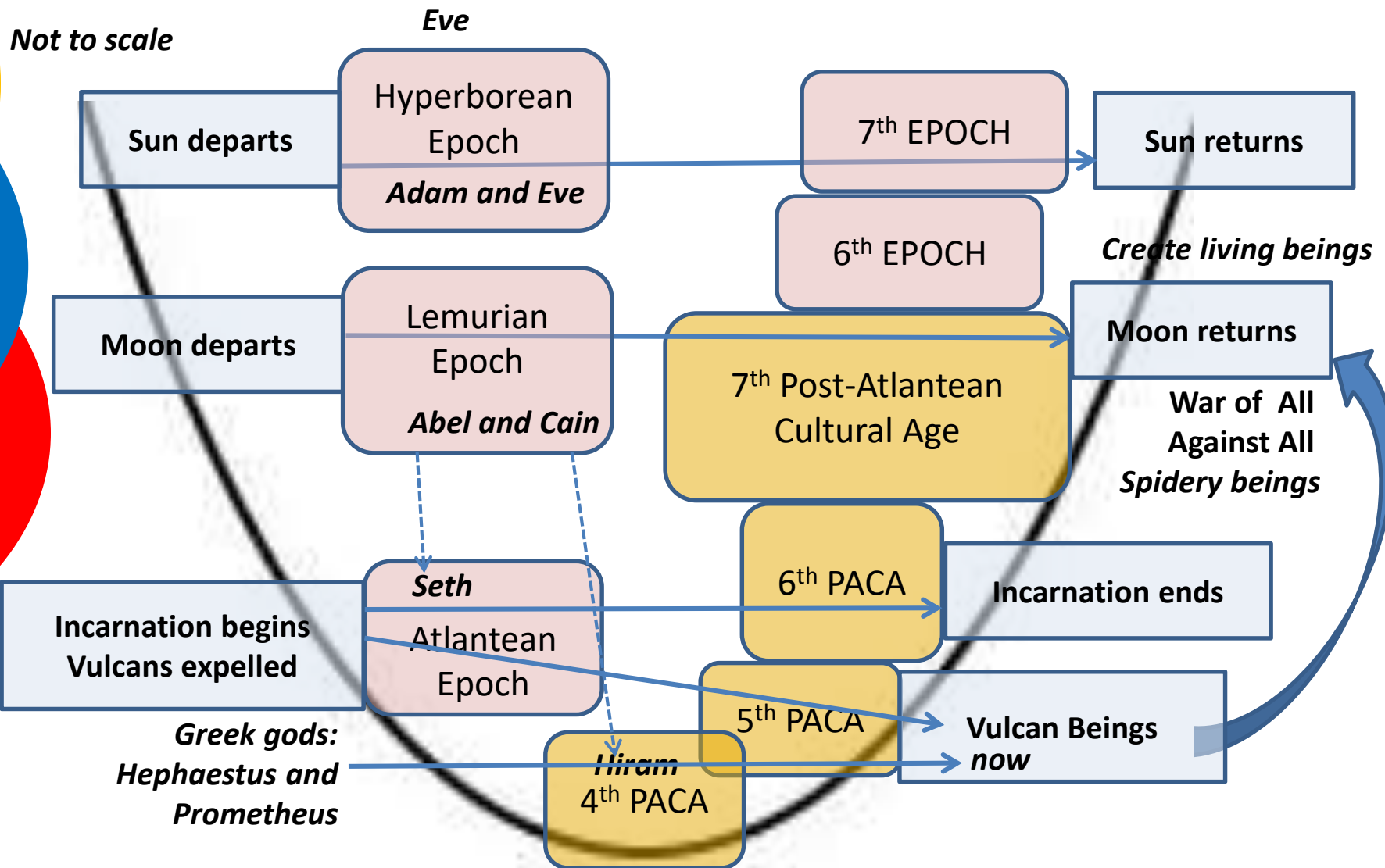




Physical Body as a Machine

- “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

Cycle of Evolution for Mankind



Task of the Vulcan Oracle

- Atlantean oracles
 - *Betrayal of **Vulcan Oracle** mentioned*
 - Moon, Mercury, Venus, Sun, Mars, Jupiter, and Saturn. ...
- “**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



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

Emergent Sciences

“The actual state of our knowledge is always provisional ... and there must be, beyond what is actually known, immense new regions to discover.”

- Louis de Broglie
 - Quantum physicist
 - Nobel Prize 1929
 - all matter has wave properties



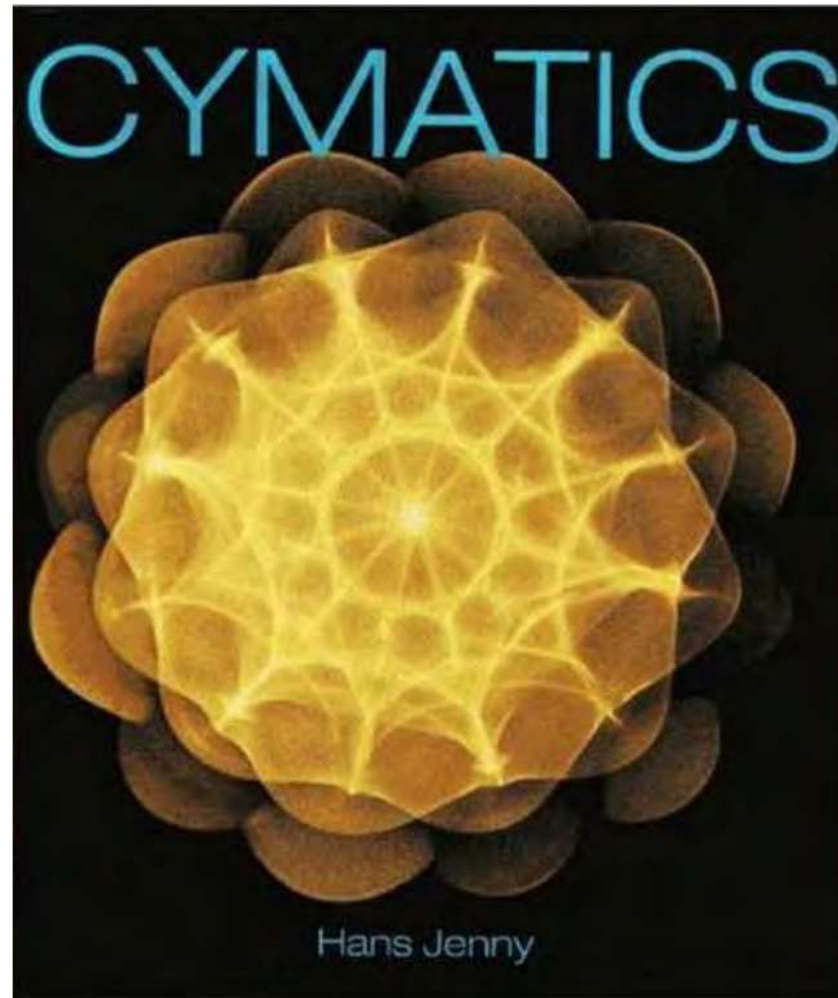


MysTech: Mysteries of Technology

- Sponsored by The Center of Anthroposophical Endeavors (CFAE) of Seattle, WA.
 - Non-profit, started in 1982 as Friends of Anthroposophy
 - Founded other Anthroposophical organizations
 - Hosted hundreds of lectures, workshops, and performances
- MysTech Membership to support R&D
 - Journal, website, classes – outreach, building awareness
 - Inner development – inreach, becoming builders
 - Moral interface to machines – cultivate
- MysTech.co: devoted to cultivating moral technologies
 - Founding meeting June 12, 2017, 10 founding members
 - Exploring waves, resonance, harmonics, boundaries, more

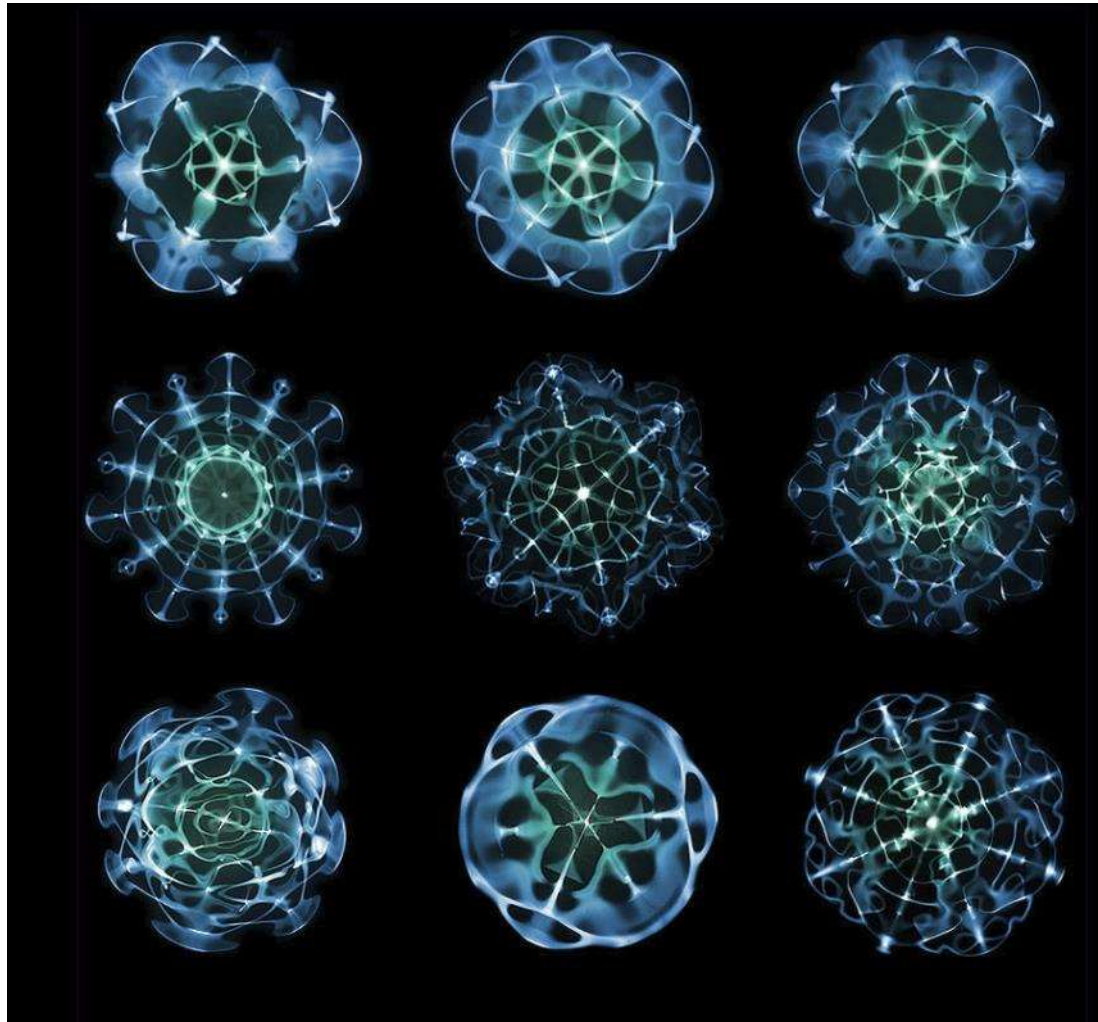
More info at: <http://rudolfsteinerbookstore.com/product/mystech-membership/>

MysTech Pioneer: Hans Jenny



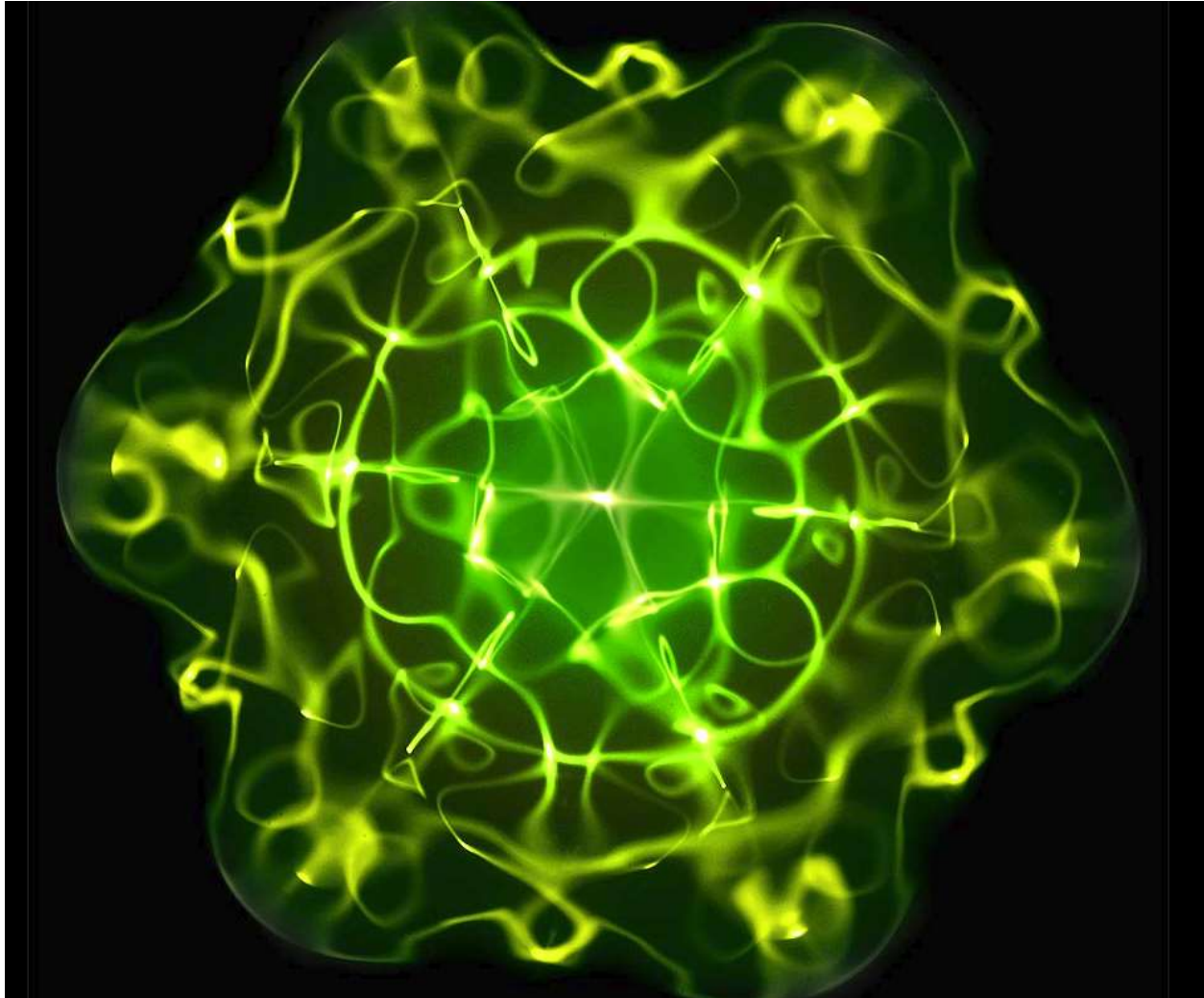
Cymatics.org

14hz to 30hz
sweep.
Square wave



Cymatics.org

Sine wave
& alcohol



Conclusions

- Fearsome future forecast, but we will not fear it
- Building the Temple in the midst of infertility
 - Etheric Temple – with Etheric Christ
 - Inviting Vulcans into our evolution
- 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
 - Then, like a child, we learn 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

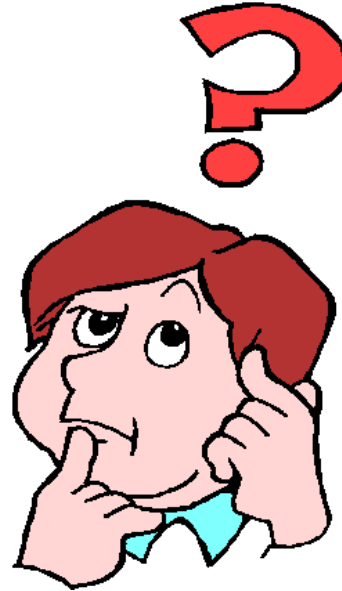
Further Research

- 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?





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



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?

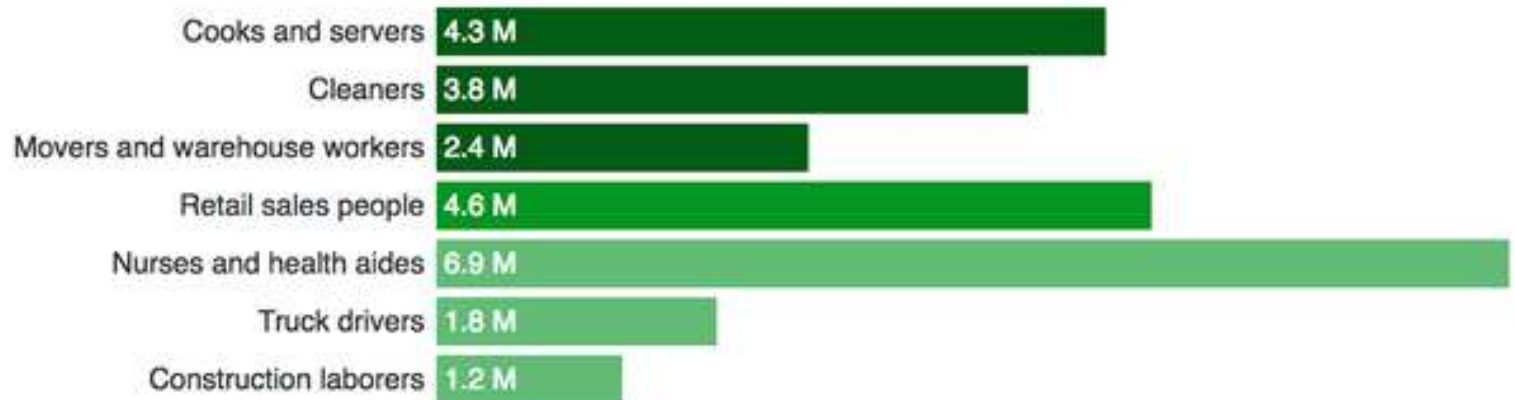
- During the 5th post-Atlantean epoch, people will have to struggle with evil in the same elemental way in which they struggled with birth and death during the Atlantean age
- Particularly through the control of the different forces of Nature, the impulses that lead to evil will send their influences 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

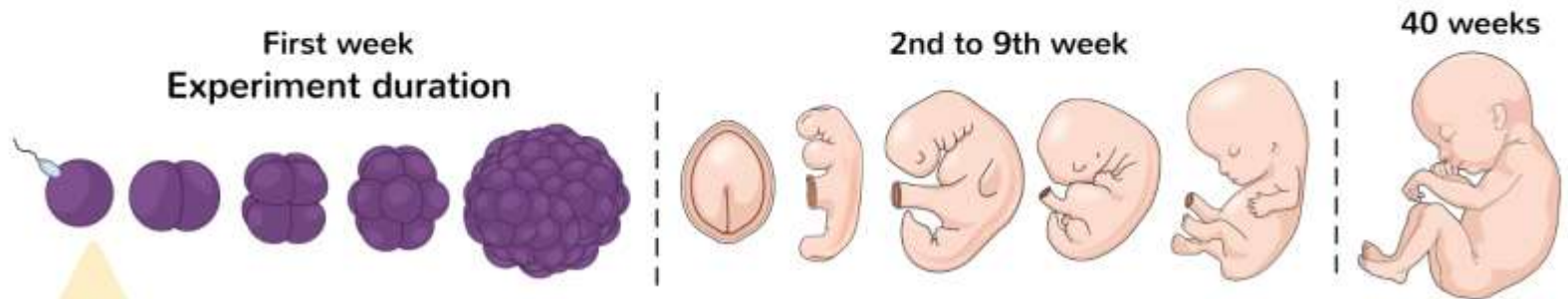
- Wherever electricity is used, there is demon magic
 - Demon magic signifies progress – we should not oppose progress – R. Steiner, *Karma of Vocation*, lecture 9, GA 172
- In the fifth post-Atlantean epoch illusion, Maya itself, will be seized upon by Evil. It will all be permeated by cleverness, intelligence
- 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?



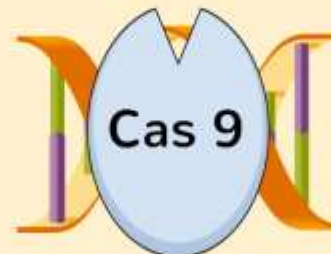
Approval for gene editing in HUMAN EMBRYO

U.K. researcher aims to understand phenomena such as infertility or miscarriages by the genome-editing technique CRISPR-Cas9 in the earliest moments of human life.



What the technic does?

- 1** Locate an specific DNA sequence possibly important for embryo development
- 2** The enzyme Cas9 attaches itself and inactivates the DNA sequence
- 3** The embryo continues its development with a sequence inactive



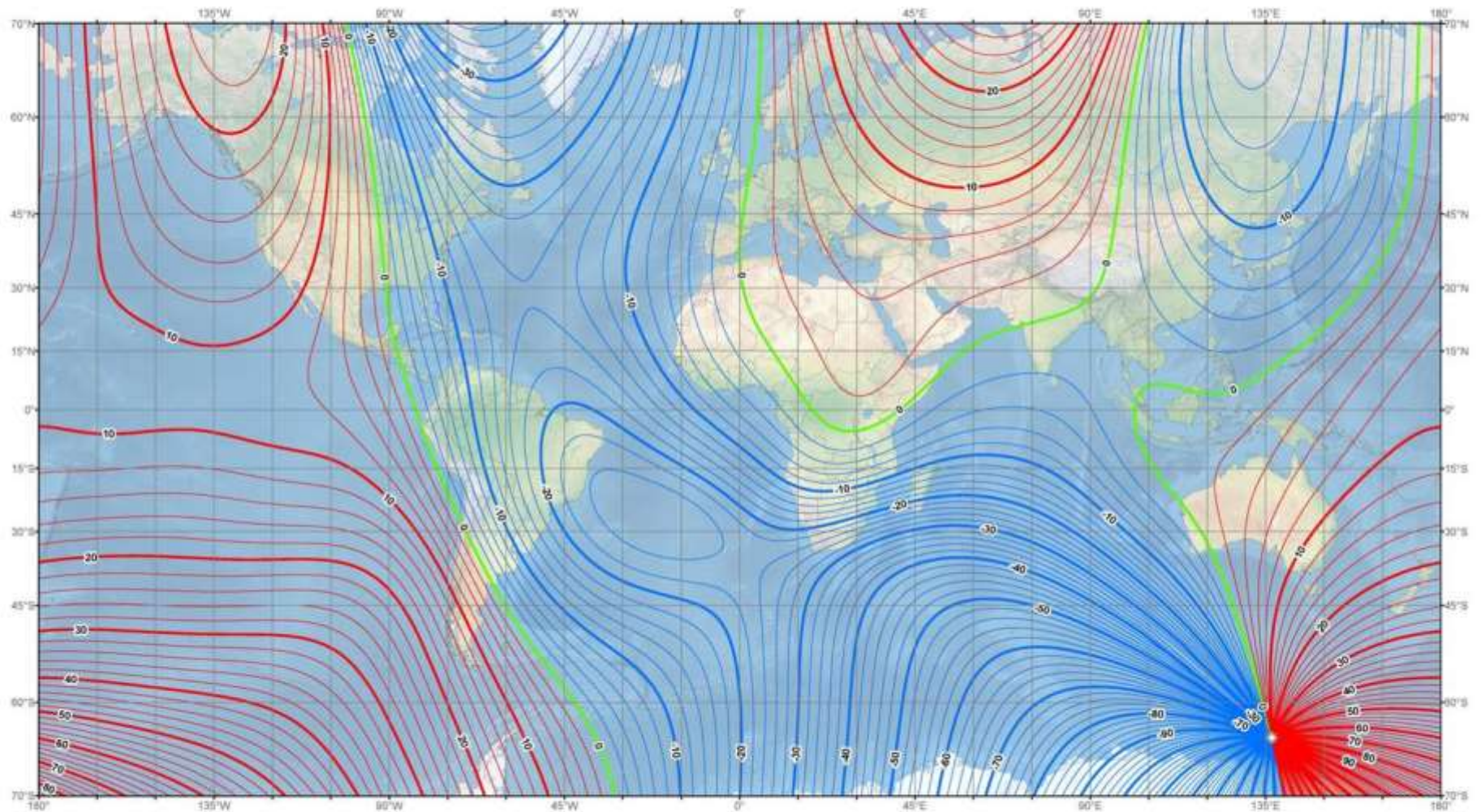


The LettuceBot combine computer vision and robotics to act 90 times per second with a precision of $\frac{1}{4}$ -inch

<https://www.intorobotics.com/35-robots-in-agriculture/>



US/UK World Magnetic Model - Epoch 2015.0 Main Field Declination (D)



Main field declination (D)
Contour interval: 2 degrees, red contours positive (east); blue negative (west); green (agonic) zero line.
Mercator Projection.
☉ : Position of dip poles

Map developed by NOAA/NGDC & CRES
<http://ngdc.noaa.gov/geomag/WMM>
Map reviewed by NGA and BGS
Published December 2014