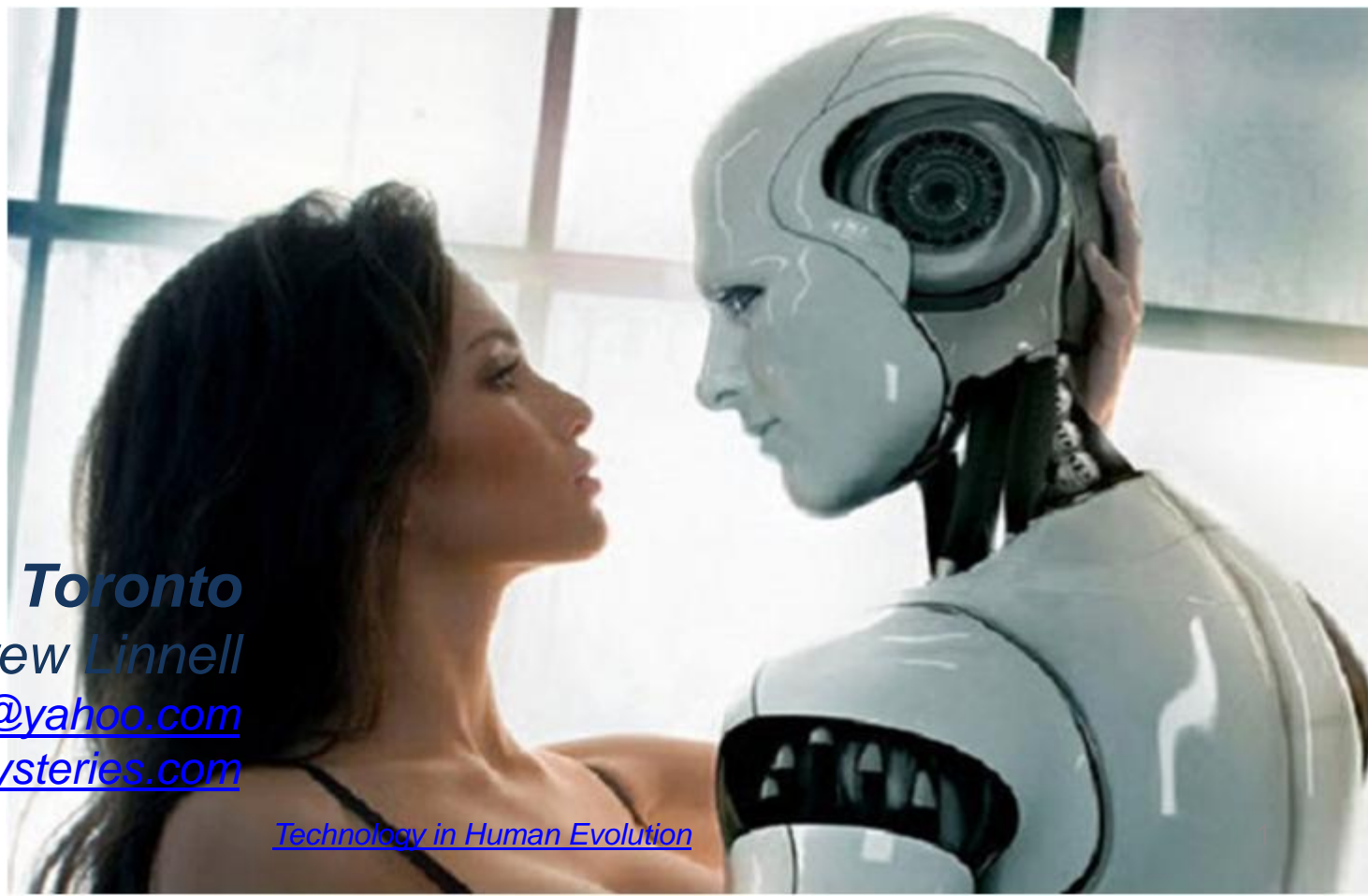




THE ROLE OF TECHNOLOGY IN HUMAN EVOLUTION

Exploring The Western Path



Toronto

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www.thechristianmysteries.com

4/29/2016

[*Technology in Human Evolution*](#)



LECTURE 1 RECAP

- Cosmic Evolution – Jupiter,
- Devolution,
- Ahriman's Incarnation,
- Prep For The Future,
- Singularity,
- AI,
- Merging With Machines



LECTURE 2 RECAP

- Earth Evolution – Reunification with Moon then Sun,
- Infertility,
- Adam and Eve,
- Cain and Abel,
- Rakshasas and Robots



SCHEDULE

April 28, 2016 Lecture 1

- 19:30 – 21:00 Merging with Machines – The Path to Jupiter?

April 29, 2016 Lecture 2

- 19:00 – 21:00 Sexuality and Technology – Preparations for the Remaining Post-Atlantean Ages

April 30, 2016 Workshop

- 09:30-10:00 Registration, social time, tea/coffee
- 10:00-11:30 **Sexbots; Hephaestus; preparations for our time**
- 11:30-12:30 Experiencing Rhythm Through Eurythmy: In Tune With Sound, Soul, And Creating
- 12:30-01:30 Lunch (BYO) together
- 01:30-03:00 Electricity & evil, EMR, sensitivity & safety, resonance, rhythms, robotics, and life
- 03:00-03:30 Break tea/coffee
- 03:30-04:00 Eurythmy exercises and tools for balancing technical work
- 04:00-05:00 Artificial intelligence, artificial soul; consciousness soul development, a path to “future Jupiter” and concluding remarks



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



“It is an indispensable condition of initiation that we should not wish things were otherwise.”

-- R. Steiner

MAN AND MACHINES: CAN WE BECOME FRIENDS?

WORKSHOP: SOCRATIC METHOD

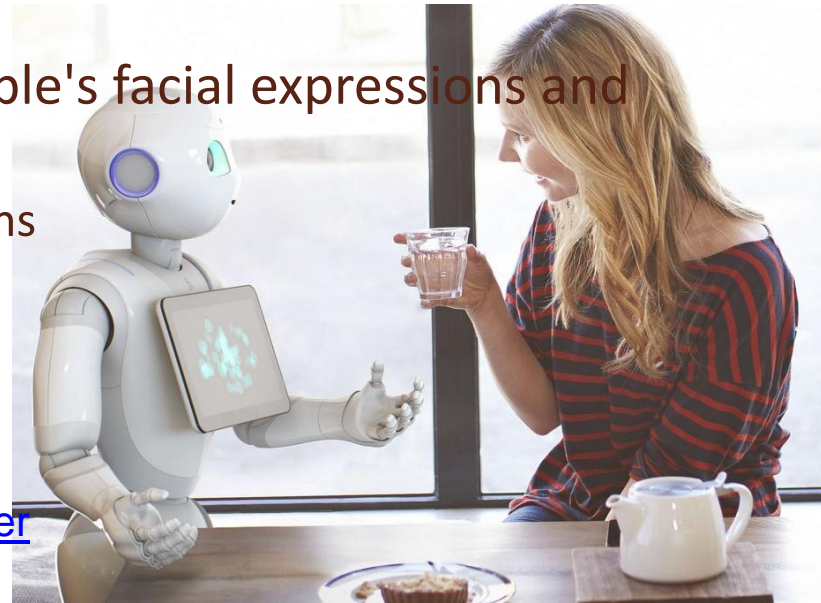
“HUMANIZING TECHNOLOGY”: THE FAMILY ROBOT

- <https://www.youtube.com/embed/3N1Q8oFpX1Y>



ROBOTS WHO 'UNDERSTAND' EMOTIONS

- Emotion recognition functions: “able to read emotions”
 - These emotion functions are modeled on the human release of hormones in response to stimuli absorbed by the five senses
- Autonomous emotion generator for its own (artificial) emotions
 - by processing information from his cameras, touch sensors, accelerometer and other sensors within his “endocrine-type multi-layer neural network”
- Emotions are influenced by people's facial expressions and words, as well as surroundings
 - Affects Pepper's words and actions
 - Happy when praised
 - Scared when the lights go down
 - Raises voice or sighs



<https://www.aldebaran.com/en/a-robots/who-is-pepper>

ROBOTS WITH AI FOR CHILDREN

- AI with speech recognition for children
- Huggable, a robotic teddy bear, NYT [video](#) from Robotica series
 - Therapeutic toy

Barbie “Learns”

- Names of pets, siblings, friends
- What a child’s interests are
- If grandparents are still living
- Starts sales in time for Xmas

What does this mean for Waldorf goals and prep?

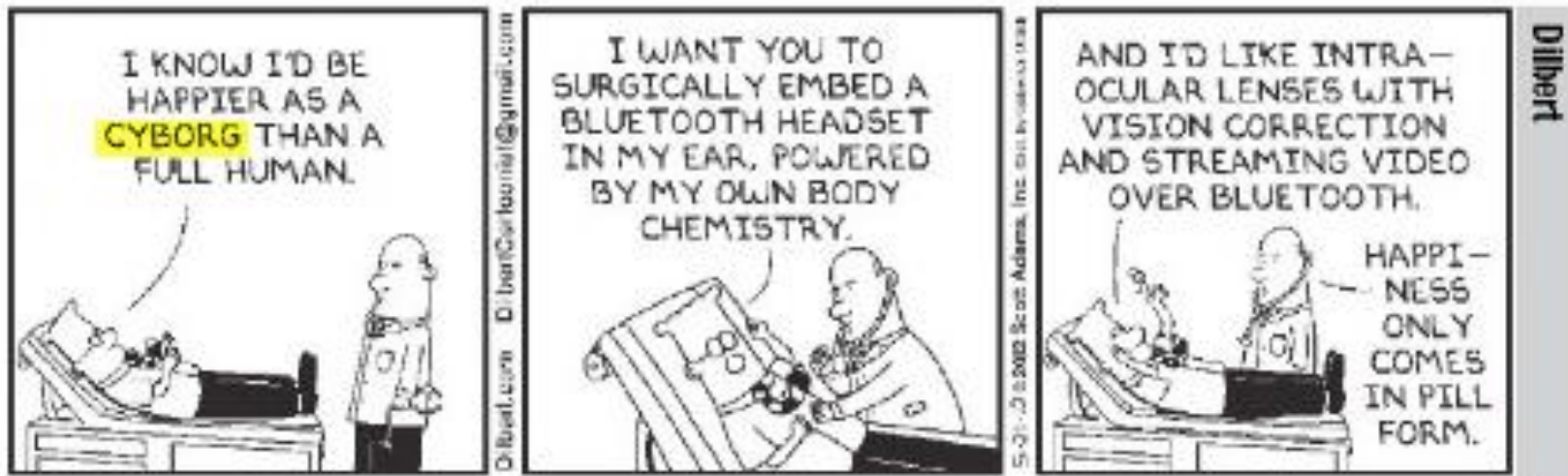


Mark Lennihan/AP Photo

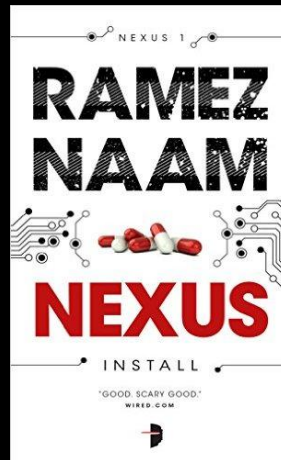
spirit

soul

life



MACHINES ENTER OUR FEELING LIFE – ARTIFICIAL SOUL COMING?



DOMHNALL GLEESON alicia vikander and OSCAR ISAAC



Trailer 3
Play 2:32



Ex Machina

In Theaters April 10th, 2015 | © 2015 A24

A young programmer is selected to participate in a breakthrough experiment in artificial intelligence by evaluating the human qualities of a breathtaking female A.I.

Official Website ▶



Seduction of AI, Fear of Robotic Machines
Is this from Michaelic Insights? Robotic moral code?
How is Ahriman to be met, balanced?



FEAR OF ROBOTS TAKING OVER

- Robots “learning” bad behavior (from us)
- Robots “becoming” immoral (because we are)
- Robots built for military
 - Given a decision making role during emergencies
 - “Success in creating AI would be the biggest event in human history. Unfortunately, it might also be the last, unless we learn how to avoid the risks. In the near term, world militaries are considering autonomous-weapon systems that can choose and eliminate targets.” wrote Stephen Hawking The Independent 2014
- Example: HAL
- 2016: Stephen Hawking, Elon Musk, and Bill Gates warn about Artificial Intelligence
 - “Our greatest existential threat”

COUNTER: “I LOVE MY APPLE”

- “It’s in Apple’s DNA that technology alone is not enough.
- That it’s technology married with liberal arts, married with the humanities, that yields us the result that makes our hearts sing.”
 - Steve Jobs when announcing iPad2, March/2011
- Balancing
 - Cold computing with
 - Warm personal, social use
- But **Love** our machines?
 - Love as nourishment for the gods



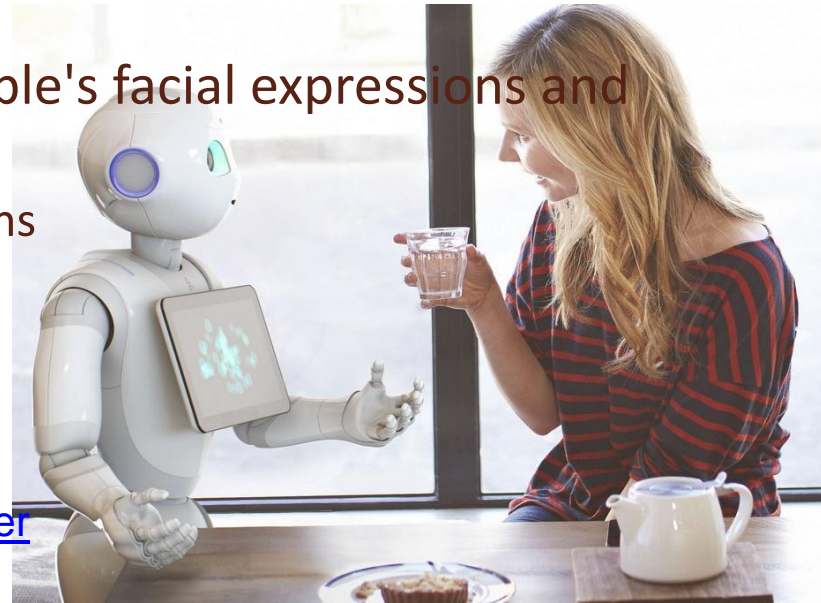
CHAT-BOTS

- Apple's Siri, Microsoft's Cortana
- Now Facebook too
 - Basic AI for your mobile phone
 - And other devices
 - Understands your voice and can answer many of your questions
 - How much milk do I have left? Smart appliances. Nest. IoTThings
- Customer service centers: e.g. Ikea use chatbots for most calls
 - Research firm Gartner estimates that up to 85 per cent of customer service centers will go virtual by 2020
- Smartphone app to make modern life easier to navigate
 - Reminder! Tomorrow is your daughter's birthday. Shall we send her something? What do you suggest? Flowers. That's nice, OK. Here are two bouquets I recommend for optimal bang for the buck. I like #2. Done, she'll get it tomorrow morning at work.



FACIAL AND EMOTIONAL RECOGNITION

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<https://www.aldebaran.com/en/a-robots/who-is-pepper>

CHOICES FOR LOVE AND FREEDOM?

- Pygmalion
-
- Pygmalion
-
- When
- first
- first
- Pygmalion



ry
with it
odite
likeness of
e, he
in he

Pygmalion by Jean-Baptiste Regnault, 1786, Musée National du Château et des Trianons

HUMANOID ROBOTICS

- [5 Most Advanced Humanoid Robots USA/JAPAN](#)
 - Honda's Asimo, Boston Dynamics' Atlas, Aldebaran's Nao,
- Abyss Creations, RealDolls, [Robotica](#) NYT video
- [Hanson Robotics](#) “we bring robots to life” [TED talk](#)
 - “We aim to bring-to-market the most compelling and engaging humanlike robots with greater-than-human wisdom, that are capable of developing a deep, trusted relationship with people. Our mission is to create a better future for humanity by infusing artificial intelligence with kindness and compassion, achieved through millions of dialogs between our robots and the people whose lives they touch.”

[Video](#) on 13 humanoids



WILL ROBOTS REPLACE MEN?

- “By 2050 all sex will be with robots”

<http://www.bbncommunity.com/robots-are-being-made-to-replace-men-by-2025/>



JIA JIA: CHINA'S SUBMISSIVE ROBOT AN ANSWER TO HUMAN TRAFFICKING?



Risks?

- Expectations
- Relations
- Psychological

ARTIFICIAL MATES, DOLLS TO SEXBOT (FOR WHEN YOU PREFER TO BE SINGLE)

- <https://www.youtube.com/watch?v=QYLYfLRg5dc>, Doll: \$1500, Sexbot: \$5000
- <http://fusion.net/video/266503/real-future-episode-6-sex-robots/>
- 'Realistic' skin, mouth and genitals – Human enough to satisfy an emotional need?



ROXXXY THE 'HEALTHCARE' SEXBOT



- 2011 technology
 - Has conversations with you but never says “not tonight dear”
 - Multiple artificial personalities (set from a menu)
 - e-skin is responsive to touch
 - Change body parts
-
- Will have simulated orgasm (dial for speed, simultaneous)
 - Sadly, for many the point is: it is better to have a relationship with a robot than no relationship at all
 - “Ain’t nothing like the real thing, baby” – or will this too change?
 - More sex robots: <https://www.youtube.com/watch?v=wLVOnVsLXqw>

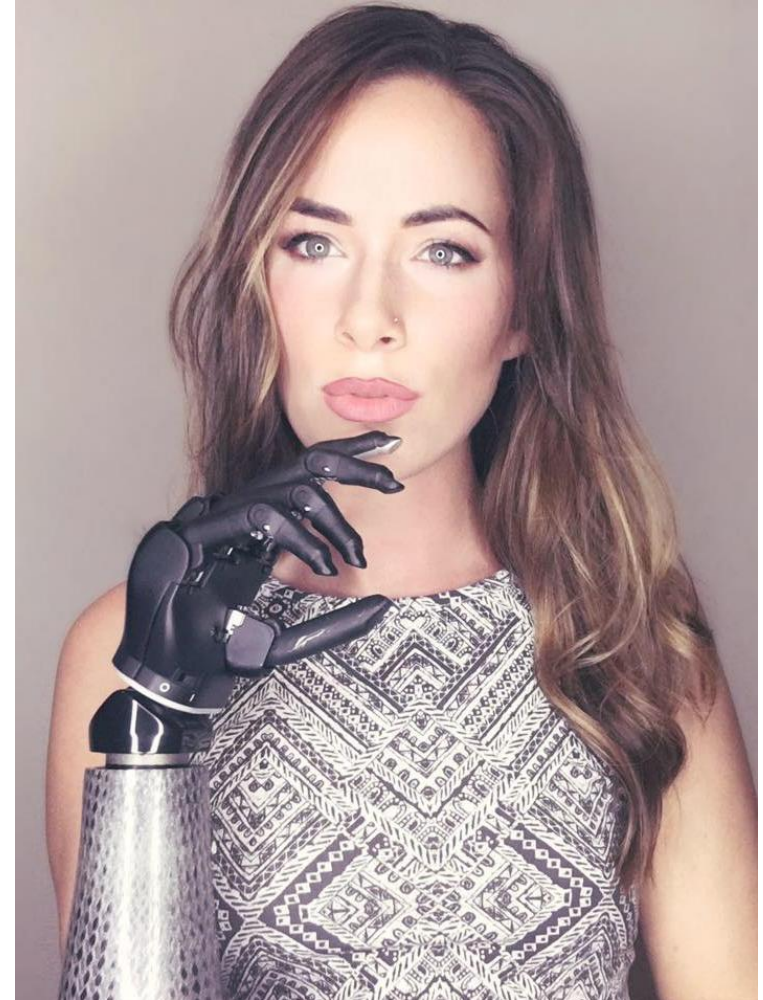
SEX AND VIRTUAL REALITY

- Porn sites drove e-business on the internet
 - Will they drive virtual reality (or will gaming)?
- **Sex through a pair of Avatars:**
 - Enter your partner's avatar to experience through it
 - http://www.huffingtonpost.com/2015/01/29/future-of-sex-podcast_n_6569838.html?utm_hp_ref=technology
 - Will it become mainstream?
 - Human-human sex through internet+avatar – compare to phone
- Does it lead to a coming time of infertility?
 - Will people become possessive of their sexbots?
 - Will people prefer the 'safety' and guarantee of their sexbot?
 - Will parents buy their adolescent children a sexbot?

The logo for OhMiBod REMOTE, featuring the brand name in white text with a small red antenna icon above the 'i' in 'Bod', set against a blue background with a pattern of small, colorful dots.

WHAT CAN WE FALL IN LOVE WITH?

- Mate missing a finger?
- Missing an arm?
- Missing an arm & a leg?
- Transplanted face ?
- Can we love a person
 - With a pace maker?
 - With bionic eyes?
 - Who is deceased?
 - Who we know only through their avatar?





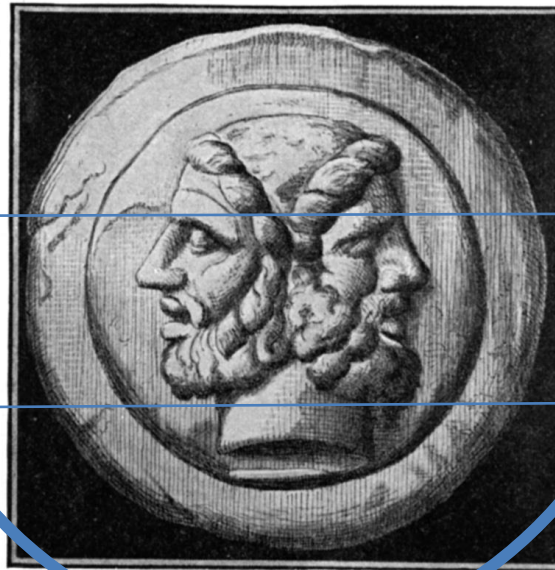
WILL TECHNOLOGY AFFECT LOVE?

- There should pour into our hearts, into our souls, the feeling that wisdom is a great thing — that love is still greater; that might is a great thing — that love is yet greater – Rudolf Steiner, Christmas Eve December 24, 1912 Berlin, GA 143
- From “what is truth?” to “what is love?” ??

FULFILLMENT OF CULTURAL EPOCHS

- “The Third PACA [Egypto-Chaldean] reappears in the Fifth, in order to permeate human souls with what the Fourth PACA has brought as something completely new
- Something similar will be the case with the Sixth PACA in regard to the Second, and the Seventh in regard to the First, the ancient Indian PACA”

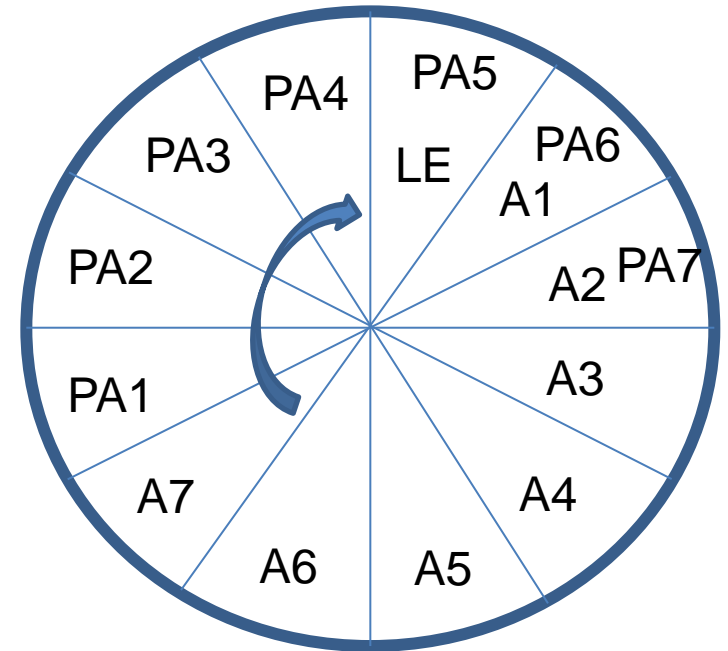
R. Steiner, *Occult Science, The Present And Future Of Cosmic And Human Evolution*



Janus Face

PLASTICITY OF BODY AND SOUL BY AGE

- Lemuria [D.]
- Atlantis
- Post-Atlantean
- I. 56 49
- II. 49 42
- III. 42 35
- IV. 35 28 33 – Christ
- 1879 V. 28 21 Today 27
- VI. 21 14 Year 4,000
- VII. 14 7 Year 7,000 – women become infertile
- [D.] Year 8,000 – moon returns



Each pie slice
represents
~2160 years



WHAT WILL REPLACE OUR PHYSICAL BODIES?

- 7th Millennium: women become infertile
- How will we be able to experience the physical world?
- Work out our karma?
- It was Porn Sites that gave birth to e-commerce
- It was a betrayal that enabled the Mystery of Golgotha
- Don't we need to do Avatar test runs?
- Are we preparing bodies for those who will be human on Jupiter?

ALCHEMY

- Masculine – Sun
- Feminine – Moon
- Soul – both
- Note the exchange
 - Life body as flower
 - Crosses center line
- Note the whole shape
 - Egg-like



SUMMARY OF CAIN AND ABEL

Sons/Race of Abel-Set

- Solomon
- Possess divine wisdom
 - Detached piety and wisdom
- Representatives of the religious type with detached wisdom
 - Lacking enthusiasm
- **Eastern path:**
 - No attachments to the world
 - Tend the soul as shepherds

Spirit

Soul

Body

/Race of Cain

Enoch, Iram Abiff

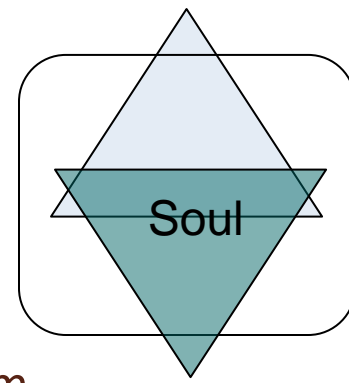
Conversant with fire

- Know how to make use of it
 - Not physical fire
 - Fire of wishes, desires, and instincts which burns in the astral world, Kama
- Impulsive nature, capable of flaring up, showing enthusiasm for wisdom
- Arts and the sciences
- **Western path:**
 - Till the earth
 - Till the soul

These are creative within all races of mankind and in all periods of history

Interesting note: computer engineers largely from India and China

MEANING OF THE TEMPLE LEGEND



- Two races of mankind:
 1. **Abel:** like Solomon, are in possession of divine wisdom
 2. **Cain:** conversant with fire and know how to make use of it
 - Not physical fire, but the fire of wishes, desires and instincts
- Queen of Sheba as the human soul
- Portrays the destiny of the 3rd 4th & 5th PA Cultural Ages
- The Temple: Temple of the Occult Societies that is being built up by the whole of mankind during the 4th & 5th PA C. Ages
 - Why not the 6th PA Cultural Age?
 - The Holy of Holies: abode of these Occult Societies
 - The Molten Sea: **water and fire** united in the proper way
 - The Golden Triangle: reveals secret of Manas, Buddhi, and Atma
 - **Portrayed in the Foundation Stone Meditation**
- Knowledge of **both** outer world and spiritual forces
 - From **both directions** to go forward with evolution



FOLLOWING THE FALL

- Only if he separated Mankind into two sexes could Jehovah sustain the human race

Male Wisdom

- Imageless (symbols from FW)
- Fertilized by everything external being gathered and combined and assembled
- Not there at first
 - Had to be put together by perceiving physical world
- Becomes kingly wisdom
 - Symbolized by Cain
 - Associated: Western Path

Female Wisdom

- Image based wisdom
- Fertilized by spiritual inspiration and intuition
- Transferred to priesthood
- Priest wisdom: Derives from ancient feminine wisdom
 - Symbolized by Abel
 - Associated with Eastern Path

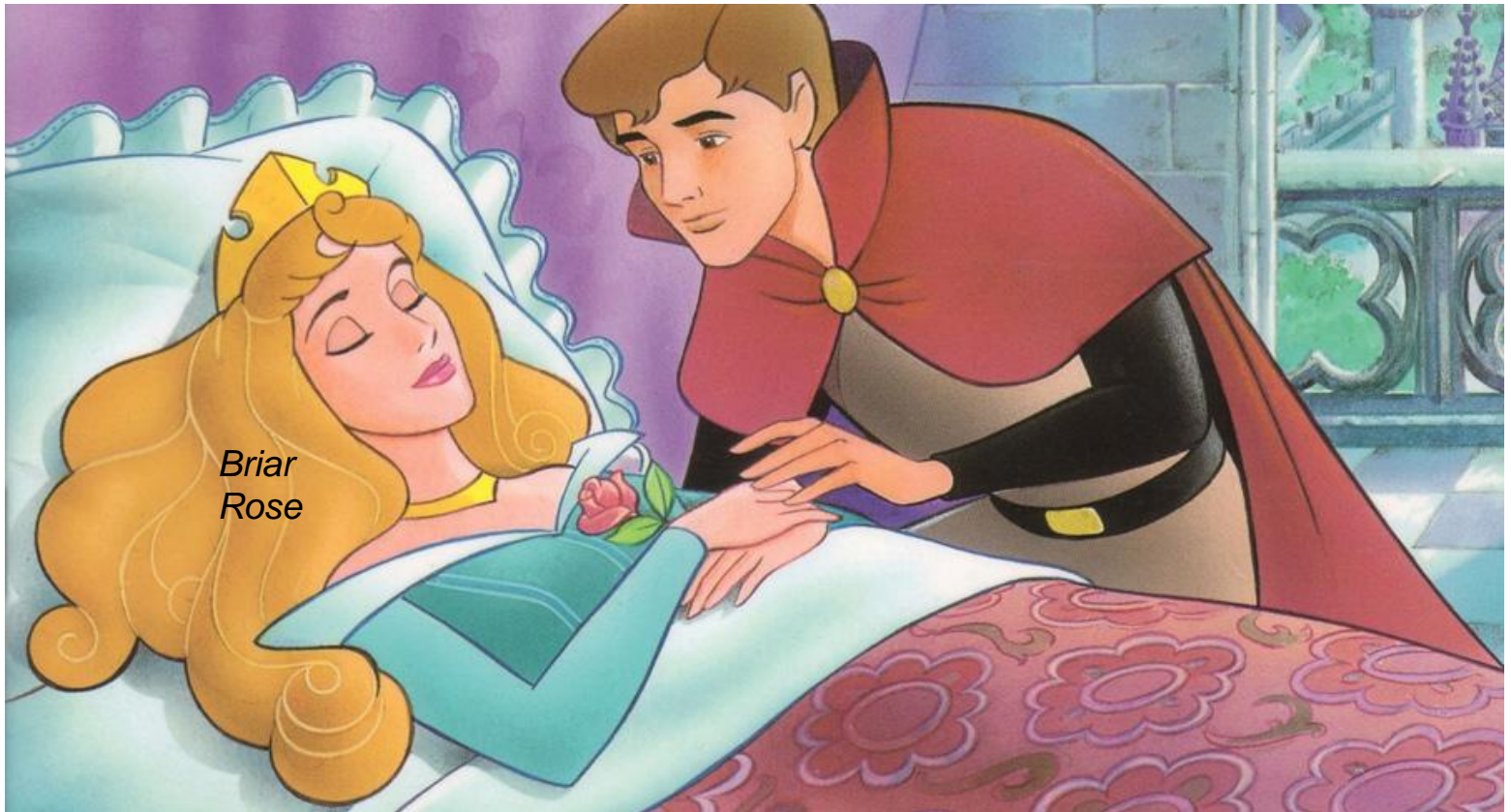
- Future wisdom brought out of the higher human will live equally in both male and female



DISCUSSION QUESTIONS

- What must we wrest from Ahriman?
 - As the East had to deal with Lucifer, so must the West deal with Ahriman
- What role do the Great Teachers of Humanity, as Moon beings, play in our drama with Ahriman?
 - How do they help to prepare us?
 - Do they work with Lucifer to ‘warm’ technology?
 - Are they at work when we ‘love’ our devices?
- What will our connection to the physical Earth be in a few millennium?
 - Will it be through avatars?
 - Will virtual reality be at a level ‘below’ the physical?
 - Without physical bodies, will all humans be here simultaneously?

ROOTS OF TECHNOLOGY



Briar
Rose

Disney image from schmoesknow.com



My point, once again, is not that those ancient people told literal stories and we are now smart enough to take them symbolically, but that they told them symbolically and we are now dumb enough to take them literally.

JOHN DOMINIC CROSSAN

liturgy.co.nz

PROMETHEUS AND ZEUS

- Prometheus means 'thinking in advance'
- Epimetheus means 'thinking afterwards'
- Sons of a Titan, Japetus
 - The Titans are themselves sons of the ancient Greek god Uranus and his wife Gaia (Uranus means 'heaven', and Gaia 'earth')
 - Uranus (Greek) = Varuna (Indian vedantic)
- Chronos usurped the throne of his father Uranus to obtain the rulership for himself
- For this he was in turn dethroned by his own sons, led by Zeus
 - All other Titans were cast into the underworld
 - Includes the Titan Atlas, a brother of Prometheus
 - Only Prometheus & his brother Epimetheus remained loyal to Zeus during the fight of Zeus against Chronos & the Titans



HUMAN REBELLION

- Zeus had created the human race but humanity had become rebellious
 - Thus Zeus wanted to exterminate it
- Then Prometheus made himself humanity's **representative**
 - Devised plan to give men means whereby they could save themselves and no longer be dependent upon the help of Zeus
 - Prometheus taught men the use of **writing**, the **arts**, and above all, the **use of fire**
- Prometheus was chained to the **Caucasus as punishment**
 - Forced to **endure there much suffering** over a long period
- Prometheus **knows a secret** of which even Zeus is ignorant
 - Zeus sends Hermes, the messenger of the gods, to discover the secret, but Prometheus does not betray it





- Next the gods, with Zeus at their head, then caused **Hephaestus**, the god of the smiths, to make a statue of a woman, Pandora
 - Pandora was provided with all those external attributes which adorn human beings of modern times
- Pandora was sent to bring gifts from the gods to mankind, first to Epimetheus, the brother of Prometheus
- Prometheus warned his brother not to accept the gifts; but Epimetheus was charmed and persuaded
- All these “gifts” of the gods constituted human miseries and sufferings – only the last gift, hope, remained in Pandora's box

REDEMPTION

- Prometheus can only be freed through the intervention of an initiate
- Such was Heracles, who performed the twelve labors
 - They symbolize the twelve tasks of initiation
 - The execution of these 12 was the achievement of an initiate
- Heracles was an initiate of the Eleusinian Mysteries
- Nevertheless, someone still had to be sacrificed – Chiron the centaur was sacrificed for Prometheus
 - Chiron was already suffering from an incurable malady
 - He was half animal and half man





GOD WHO BUILT PAN (ALL) – DORA (GIFTS)

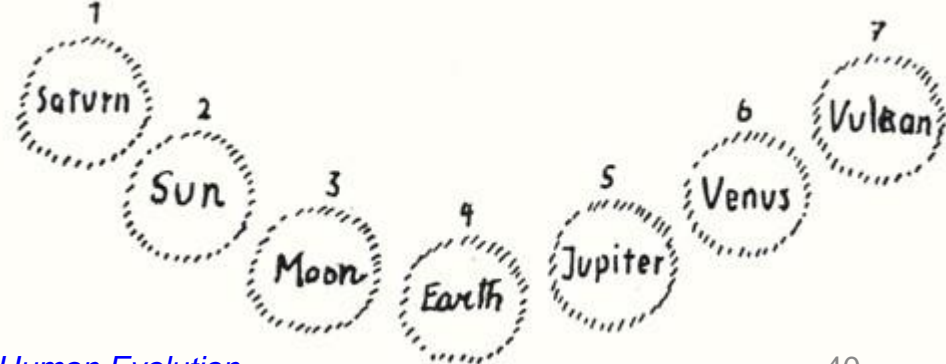
Hephaestus, Greek god aka Vulcan, Roman god

- God of technology, blacksmiths, craftsmen, artisans, sculptors, metals, metallurgy, fire, and volcanoes
 - Served as the blacksmith of the gods
 - Knowledge of the Earth and its interior(s)
- Son of Zeus and Hera
 - His own mother throws him off Olympus after birth
 - Hera sees his appearance as grotesque due to malformed foot
 - Builds thrones for the gods, Hera's throne binds her (like velcro)
 - Builds automatons to go up to and down from Olympus
 - Builds the chains used on Prometheus

GOD WHO BUILT PAN (ALL) – DORA (GIFTS)

- Hephaestus, being the most unfaltering of the gods, was given Aphrodite's hand in marriage by Zeus in order to prevent conflict over her between the other gods
 - *Nerds get the girl, well sort-of*
 - Aphrodite and Mars
 - First half of Earth Condition was Mars, now it is Mercury
- **Vulcan**, Roman equivalent
 - Last Planetary condition
 - Earth – Jupiter – Venus – **Vulcan**

Why does Vulcan get to be a planetary condition?





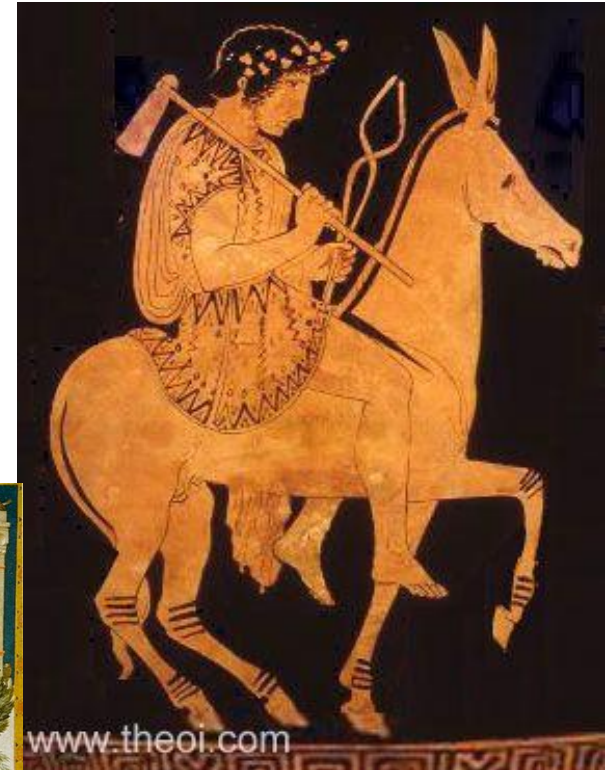
MAKING SENSE OF SAGAS

- Compare Epimetheus and Prometheus to Abel and Cain
 - Fire knowledge with Prometheus and Cain and to Hiram Abiff
 - Double-edged sword: greed, our desires vs love for the work
 - Promethean thinking is what our Epoch must develop
 - It is Manas thinking, foresight
 - It is chained by Zeus (god of astral) to the rock, the mineral
 - Eagle/vulture (astral stomach) gnaws at our liver (etheric)
 - Thus Peter is this Rock upon which Christ's church is founded
 - Now our destiny is bound up with the inorganic mineral
 - Our astral body seeks its satisfaction within the realm of matter
 - For each step in progress there must be a retrograde
 - Atlanteans: astral work on etheric plane; now on physical
 - The First Great Initiate of humanity must take upon himself the whole of life's suffering
- Temple Legend, Lecture 4, 7Oct1904*

RIDING ON A DONKEY ... (*RECALL KING SAUL*)



Christ
enters
Jerusalem

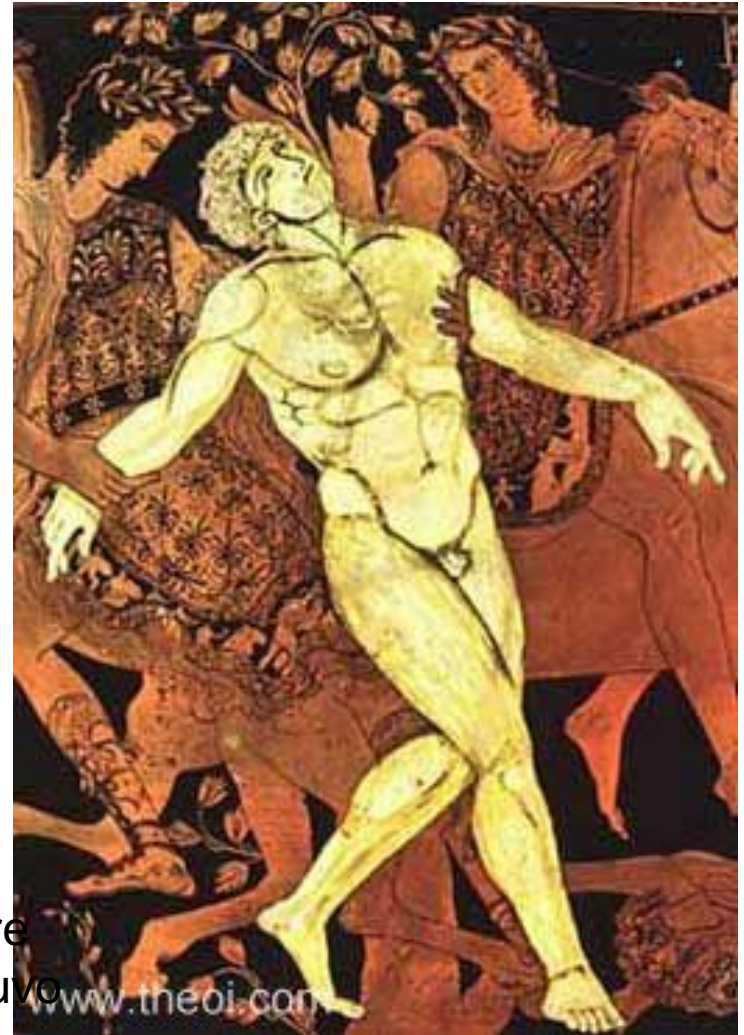


Hephaestus enters Olympus

SHOULDN'T WE TEST DRIVE THE JUPITER BODIES?

- Get it right before asking new beings to drive them
- Man-Machine Hybrids
- Ability to drop into the controls as an avatar
- What kind of world will they experience?

Automaton Talos, Athenian red figure Krater 4th C B.C., Jatta Museum, Ruvo



THE HUMAN STAGE IN OLD MOON

- On Old Moon the Angeloi were at the human state
 - Their appearance was quite different from ours
 - Quite different conditions existed
 - We developed to an advanced pre-state of the Earth evolution
 - We became a troublesome concern for the Angeloi
- On Earth, Angeloi were able to use our bodies as an avatar
 - Incorporation – not incarnation

The Mission of the Archangel Michael, V, The Michael Deed and the Michael Influence as Counter-pole of the Ahrimanic Influence,
November 29, 1919



OVERLAPPING EVOLUTIONS

- In our **descending evolution** (now) the Jupiter Humans arise
 - On Jupiter, they will have advanced to a new & different form of human
 - These Jupiter men exist already now just as we existed upon Old Moon
 - They exist not externally visible but as supersensible beings
- We become responsible for them similarly to how angels became our guardian angels



The Mission of the Archangel Michael, V, The Michael Deed and the Michael Influence as Counter-pole of the Ahrimanic Influence, November 29, 1919



NOW ENTERING EARTH'S STAGE

21

Important result of spiritual-scientific research:

- **Earth evolution has entered its descending phases**
 - Other beings make themselves felt
- “We have already entered the period of Earth evolution when **certain beings make themselves felt who upon Jupiter** — the next state of Earth evolution — will have advanced to the form of man, a different form of man, to be sure, but which, nevertheless, may be compared with the being of man”
 - “For we will be different beings on Jupiter
- **“These so-to-speak Jupiter-men exist already now just as we existed upon the Moon**
 - **They exist, of course not externally visible.** Supersensibly these beings are very decidedly present.”
 - R. Steiner, *The Mission of the Archangel Michael*, The Michael Deed and the Michael Influence as Counter-pole of the Ahrimanic Influence, 29Nov19



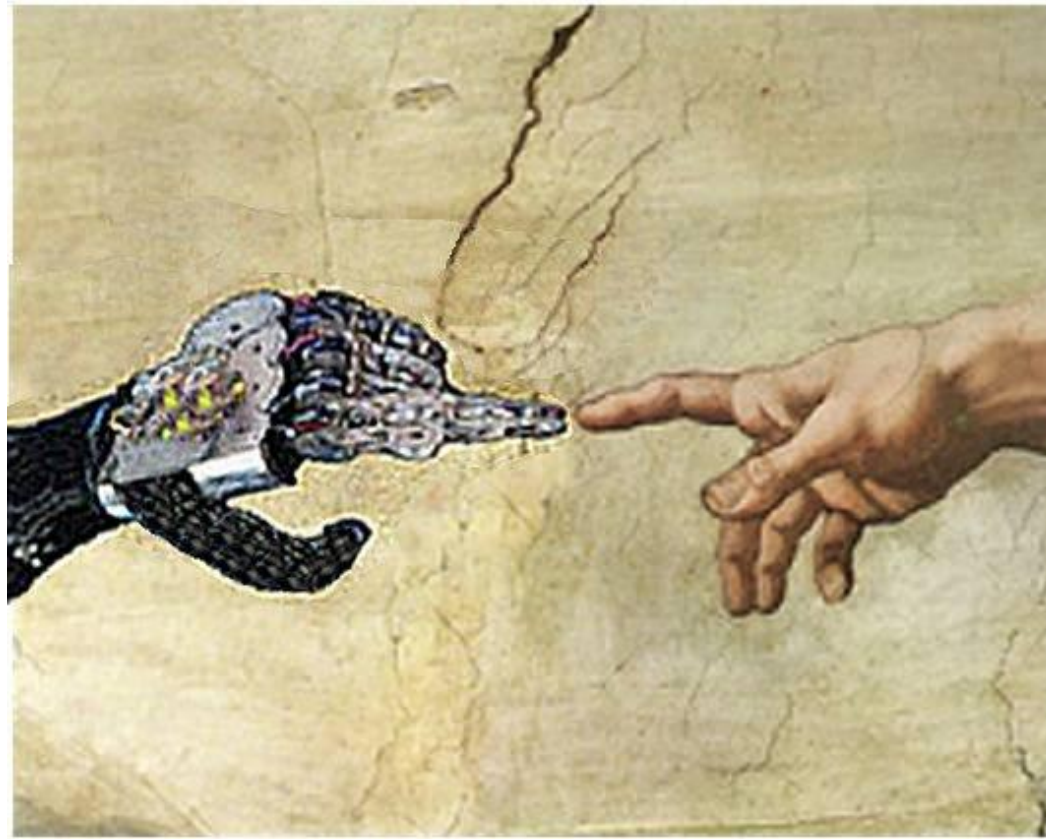
MYTHOLOGY RECAP

- Prometheus: chained to rock, released only by initiation and the sacrifice of a centaur
 - Image of our times, we are so chained, centaur within each
 - Attack on the liver: pain pills, vicodin, statins, hepatitis, alcohol
 - “Upon this rock I build my church” – Christ-Jesus
- Hephaestus: thrown off Olympus, returns on donkey
 - God of technology and fire, foot malformed
- Link to:
 1. Temple Legend (golden triangle, sons of fire)
 2. Cain and Abel and Seth (beginning of sexual heredity
 - Two streams of humanity, masculine and feminine
 3. Adam and Eve (asexual times, incorporation of freedom)

spirit

soul

life



END LECTURE 3





SCHEDULE

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