Squaring the Circle

Definition 1: Squaring the Circle is the proven impossible task of constructing the square of the same area as a circle using only a finite number of steps with a compass and straight edge.

Definition 2: Squaring the Circle is also mathematical slang for an enticingly difficult challenge, which may or may not be possible.

Theorem 1: Squaring the Circle is a game which merges the genres of academic mathematics and thieves on high risk heists.

Proof : In Squaring the Circle you choose a branch of mathematics and a type of thief, joining them together to build your mathematician. As top mathematicians you are routinely invited to various conferences all over the world. But simply exploring non-trivial consequences of the full Taniyama-Shimura conjecture isn't enough for you and your colleagues. Sometimes you want to relax by tackling seemingly impossible jobs, like stealing the crown jewels, seducing the head of the national bank, or bankrupting a vicious and powerful CEO. These are *open problems*, and you and your colleagues will work together and at odds to achieve these squarings of circles.

Theorem 2: Squaring the Circle is powered by the *Apocalypse World* engine. It is built around a series of *moves*, self-contained mechanics which are linked to fictional situations.

Proof : See Vincent Baker's Apocalypse World

Definition 3: When dice are rolled in Squaring the Circle it is describe as "roll +X". Always roll two six-sided dice and add them together, plus whatever stat or value is indicated by "X", in addition to any other modifiers from past moves. If that total is 7 or higher, it is a hit. A 10 or more is especially good, while a 7-9 often produces a mixed result. Lastly, a 6 or below on the total, indicates a miss, where something bad can happen.

Aside: Squaring the Circle has been designed by Mendel Schmiedekamp.

Theorem 3: Squaring the Circle is played without a Master of Ceremonies. *Proof* : As you play Squaring the Circle, you will state theorems which can lead to solving the open problems you have decided to attempt. To prove these theorems and thus achieve their goals, you must achieve *results*, actions in the story which support the goal of the theorem you are proving. The moves for creating theorems and proving them determine how you fair in your attempts to prove a theorem. When you encounter trouble it comes in the form of Complications, Antagonists, Risks, or Debts (CARDs). These form a House of CARDs, for both mathematicians and theorems. These Houses describe all the trouble that your mathematicians is juggling, and if they fall down all of their CARDs come due. Together theorems provide a way to achieve the seemingly impossible and Houses of CARDs provide the threat and rewards of that challenge. A game of Squaring the Circle is the interplay between these two forces with your mathematicians right in the middle.

Theorem 4: To play a game of Squaring the Circle, you create mathematicians by joining a Mathematician playbook with a Thief playbook, selecting among your options on each sheet. Then choose, perhaps randomly, a guest of honor and begin your first a conference. *Proof* : An exercise for the reader.

Mathematician Name: Set Theorist Ukrainian, Californian, Angolan, or Kazakh Set Theory Moves: **Fuzzy Sets:** When you confuse and blur Statsdistinctions talking to someone, roll +Sly. On a House of **CARDs Non-Wellfoundedness**: Using flashbacks hit use another move to follow-up and or flashforwards, you may apply an +0Assign +2, +1, -1. manipulate, at +1 forward. On a 10+ confusion Complications Risks unproven theorem to prove a different also leads to a result. On a miss, you have Debts theorem. If a theorem's result is Antagonists confused yourself, take the risk as a CARD. Creative disproved, it gets +3 need. A theorem Advancement cannot solve an open problem if it has an +2+A Set Theory move unproven result. **Axiom of Choice**: When you state a +1 Sly Elegant theorem, you can give it +1 need to make Experience +1 Elegant it a proof by induction. +1 Rigorous +3• Cardinality Tricks: Once things get big +5+4+1 Any Stat (max +2) enough, more doesn't matter. Your Rigorous Gain a Gifted Student minimum CARD modifier is 0. Colleagues A Wire move Gain all Wire Core Moves and ○I Have the Building: Cold +1 Sly choose one other move. When you Bypass, and +1 Cold get 10+, get a second Core Wire Moves: Advance result to apply to a **+1** Elegant Hot Surveillance: When you spy on different theorem. Another thief's core move someone, roll +Cold. On a 10+ hold 3, **Spook Friends**: Your Move from another playbook on a 7-9 hold 1. Spend hold to reveal spy buddies do you Sly one of their secrets, giving you +1 on favors. Spend Surveillance Wire Moves: a move involving them. On a miss, hold to Lose Control with **Watch the Competition**: When you plant a bug they find out, take them as a CARD. agents or the authorities. Assign +2, +1, -1. on a colleague, roll +Sly. On a 10+ hold 3, on a Trophies **Bypass**: When you bypass security, If you have 5 or more 7-9 hold 1. Spend 1 hold to interfere, giving her roll +Sly. On a hit, get a result. On a trophies, get this move: +1 or -2 on a move. On a miss, you are 7-9 or a miss, your intrusion attempt **Spymaster**: If the open Wire discovered, getting a CARD of her choice. This is is noticed, take this risk as a CARD. problem you select is a Conference move. OBlackmail: Spend 2 Look: Casual, Blending, • Lose Control: When you lash out or espionage related and you Surveillance hold to Unkempt, or Subtle Style rush in, roll +Hot. On a hit, get a solve it, *transcend*, make your target follow result. On a 7-9 or a miss, you need becoming the secretive Vice: Fandom, New Tech, instructions, as a result. help, take that debt as a CARD. Master of Spies. Lust, Rage, or Obsession

Mathematician Number Theorist Name: New Englander, Czech, Philippine, or Brazilian Number Theory Moves: **p-adic Perspective:** When a proof has a Statsprime number of results needed, get +1 to House of **CARDs Ramanujan's Notebooks**: When you dig moves to prove or disprove it. into the past for a solution, roll +Creative. +0Assign +2, +1, -1. **Combinatoric Chicanery**: When you select Complications Risks On a hit you make a discovery: use proof by exhaustion, it adds only 3 need. Debts another move to follow-up at +1 forward. Antagonists Creative On a 10+, you can use your discovery as Advancement a result to prove a theorem, but you risk ++2A Number Theory move your discovery being wrong and the theorem takes that as a CARD. +1 Hot Elegant **Infinite Descent**: When you state a Experience +1 Creative theorem, if you choose proof by induction +1 Rigorous +3+4it is a proof by contradiction for free. +5 \perp +1 Any Stat (max +2) • Codemaker: Gain +1 on any move Rigorous Gain a Gifted Student where you encrypt or decrypt information. Gain all Bash Core Moves and Colleagues A Bash move **Psy-Ops**: When you Cold choose one other move. **+1** Hot Intimidate, you can Core Bash Moves: +1 Cold threaten with other means Advance **Oomph**: When you force your way than violence. If you do +1 Rigorous Hot through an obstacle, roll +Hot. On a roll +Creative, instead of Another thief's core move hit, get in as a result. On a 7-9 or a +Cold. Move from another playbook miss, you have attracted trouble or **Wrecker**: When you Sly made a mess, choose one as a CARD. disprove a theorem, any Bash Moves: **Intimidation**: When you threaten resulting CARD moves get **Cold Read**: When you meet someone, you may with violence, roll +Cold. On a 10+ -1, even yours. guess their secrets, if so roll +Cold. On a 10+ say Assign +2, +1, -1. Trophies get the response you want as a result. If you have 5 or more a truth they hold secret. On a 7-9 notice a On a 7-9, follow through to get a trophies, get this move: weakness or vulnerability, giving +1 forward. On result, taking the aftermath as a **Master of Masters**: If Bash a miss, you are fascinated as a CARD. CARD. On a miss, you are shaken-up. the open problem you Precision: When you Oomph, and get 7-9, Look: Military, Rough, Truth Will Bear: When you confront select is physically you may avoid both Professional, or Quiet with the truth, roll +Sly. On a hit they demanding and you solve CARD and result, and fold as a result. On a 7-9 or a miss, it, transcend, retire to a Vice: Competition, Rage, get +1 forward. take their grudge as a CARD. remote dojo. Cooking, Style, or Honor

Name: Mathematician Algebraist Punjabi, Welsh, Texan, Korean, or Yemeni Algebra Moves: **Nilpotence:** You know how to make trouble cancel out. As a conference move, chat with a Stats-House of **CARDs** O Monstrous Moonshine: When you craft fellow colleague and cancel out one of your complex and subtle relationships between +0Assign +2, +1, -1. CARDs by canceling one of theirs, describing Complications Risks events, roll +Creative. On a 10+ hold 3, how they resolve each other, or at least keep Debts on a 7-9 hold 1. Spend hold 1 for 1 to Antagonists each other occupied. Creative transform a result into something Advancement completely different. On a miss, you risk ++2An Algebra move making things too complex, as a CARD. **Remember Galois:** Gain +1 on any move +1 Cold Elegant where you use a sword. Experience +1 Creative **Character Theory**: When you alter a **+1** Elegant +3+4group dynamic, roll +Elegant. On a hit +5 \square +1 Any Stat (max +2) gain a result, influencing them. On a 7-9 Rigorous Gain a Gifted Student or miss, unintended effects give a CARD. Colleagues A Grift move Gain all Grift Core Moves and **Unflappable**: Get +1 to Cold **+1** Hot choose one other move. your CARD modifier. +1 Sly **Best In People**: When Core Grift Moves: Advance you Entice to virtue, get **+1** Creative Hot Masquerade: When you take on a +1 Masquerade hold. Another thief's core move false identity, roll +Sly. On a 10+ hold **Worst In People**: When Move from another playbook 3, on a 7-9 hold 1, spend hold to get you Entice to vice, get +1 Sly +1 on a move in this identity. On a Masquerade hold. Grift Moves: miss, you are exposed, as a CARD. **Honest Face**: In a first **Assemble the Team**: As a conference move, **Trust Me**: When you exploit trust, meeting, people trust you. Assign +2, +1, -1. assemble a team, roll +Hot. On a 10+ you Trophies roll +Cold. On a hit, they do what you If you have 5 or more assemble 4, on a 7-9, assemble 2. you can use want as a result. On a 7-9 or a miss. trophies, get this move: any Core move through them, with a +1 the first they turn on you, as a CARD. **Perfect Impostor**: If the Grift time that teammate takes a move. On a miss a **Enticement:** When you seduce with open problem you select former teammate calls in a debt, as a CARD. Look: Fancy, Unassuming, your self or your ideas, roll +Hot. On involves false identities Team Professional, or Alluring a hit, they do what you want as a and you solve it, result. On a 7-9 or a miss, they show transcend, becoming your Vice: Love, Fashion, dangerous initiative, as a CARD. new identity. Egoism, or Reputation

Name: Mathematician Geometer Ecuadoran, Romanian, Libyan, or Taiwanese **Geometry Moves: Build the Tensor**: Your preparations are Statsalways in depth and multi-faceted. When you House of **CARDs** O Isometric Transformation: When you prove a theorem by construction, gain hold 5, scrap one of your theorems to create a +0Assign +2, +1, -1. instead of hold 3. Risks Complications new one, reference how your progress so ○ Follow the Geodesic: When you attempt to Debts far applies to your new goal. Keep the Antagonists prove another's conjecture, get +1. Creative CARDs, options and need. Roll +Elegant, Advancement on a 10+ drop a CARD, on miss +2 need. ++2• Euclid's Method: Get +1 forward when A Geometry move you draw or sketch as part of your move, +1 Sly Elegant as your thief or as a player. Experience +1 Creative **Parallel Postulate**: When you have +1 Rigorous +3+4stated two theorems to the same end and +5+1 Any Stat (max +2) one has been disproved, reduce the need Rigorous of the other by half (round down). Gain a Gifted Student Colleagues A Click move Gain all Click Core Moves and **Pack Alpha**: In a first Cold +1 Cold meeting, people treat you choose one other move. +1 Sly as in charge. Core Click Moves: Advance Oprogramming: Gain +1 **+1** Elegant Hot • Conditioning: When you covertly to prove a theorem about Another thief's core move train a person to do your bidding, roll a person's behavior. Move from another playbook +Sly. On a hit, they do what you **Carrot**: Proving one of want, but on a 7-9 or a miss they Sly your conjectures marks 2 Grift Moves: realize you affected them, as a CARD. experience, instead of 1. **Menagerie:** As free move at the beginning of a • Pecking Order: When you observe a If you have 5 or more Assign +2, +1, -1. conference, determine the trained animals you Trophies group hierarchy, roll +Rigorous, on a trophies, get this move: have available to aid you by rolling +Sly. On a 10+ hold 3, on a 7-9 hold 1. Spend **Hidden Mastermind**: If 10+ you hold 3, on a 7-9, you hold 1. You can hold to get +1 to manipulate members. Click the open problem you spend 1 hold to have an animal perform its trick Get Rough: When you roll up your select involves leverage in place of an initial move to gain a result. Look: Rough, Leather, sleeves and get dirty, roll +Hot. On a over wealthy or powerful Menagerie Stylish, or Prim & Proper hit, you get the job done. On a 7-9 or people and you solve it, a miss, you are exposed or exhausted *transcend*, becoming the Vice: Control, Animals, in the effort, as a CARD. power behind the throne. Excess, or Revenge

Dynamicist Bengali, Malaysian, South	Name: Mathematician -1 -2
African or French Stats Assign +2, +1, -1. Creative Elegant Rigorous	Dynamics Moves: Metstability: Disaster is just a less stable Extreme Sensitivity to Initial Metstability: Disaster is just a less stable Conditions: When you flashback to reveal means to reach your goals. When your how you inserted chaos into the situation, as a conference move, roll +Sly. On a 10+ means to reach your goals. When your on a 7-9 hold shake-up up to 3 theorems. CARD, but, if it gets another CARD it's on a miss, your chaos gives you a CARD. Advancement Advancement A Dynamics move +1 Hot A Dynamics move +1 Hot Experience +1 Any Stat (max +2) Experience Hat theorem's need by 1, as your Filegant +1 Any Stat (max +2) Can a Gifted Student
Cold Hot Sly Assign +2, +1, -1. Phreak Look: Punk, Goth, Nerd, Geek Chic, or Business Vice: Curiosity, Old Tech, Pride, The Cause, or Greed	strategies correct for these conditions. Gain all Phreak Core Moves and choose one other move. A Phreak move Image: Core Phreak Moves: • Digital Mayhem: When you wreck or sabotage computers, roll +Hot. On a 10+ get a result. On a 7-9, escalate the chaos to get a result and a CARD. On a miss, you are shaken-up. Image: A Phreak move image: A Phreak Moves: Botnet: Get +1 to Digital Mayhem. • Order thief's core move image: A Phreak

Name: Mathematician Analyst Mexican, New Zealander, Congolese, or Japanese Analysis Moves: **Proven 'Almost Everywhere'**: You know how to make your plans more robust. Get +1 to the Stats-House of **CARDs Basis Functions:** As a conference move CARD modifier of your theorems. you can attempt to expand the space of +0Assign +2, +1, -1. **Compactify the Space**: When you choose to Complications Risks your capabilities. Choose a core move of enter an enclosed space or become trapped Debts another attendee and roll +Creative. On a Antagonists with someone, gain +1 forward until free. Creative 10+ hold 4, on a 7-9 hold 2. Spend hold Advancement 1 for 1 to use the chosen move during ++2this conference. An Analysis move **Diagonalization**: When you disprove a +1 Sly Elegant theorem, you may immediately use that as Experience +1 Rigorous a result to prove a different theory. +1 Creative +3+4 **Calculus:** When you propose a theorem +5+1 Any Stat (max +2) it is more likely to be concrete, increase Rigorous Gain a Gifted Student its need by 1 to make it Constructive. Colleagues A Flip move Gain all Flip Core Moves and **Team Player**: If another Cold +1 Hot choose one other move. thief applies a result to a +1 Cold theorem from your plans, Core Flip Moves: Advance vou can have them mark +1 Rigorous Hot **Flexibility**: When you change plans 1 XP. Another thief's core move suddenly, roll +Hot. On a hit, your **Infiltrator**: Spend a Move from another playbook new approach works as a result. On a Careful Plan hold 1 for 1 Sly 7-9 or a miss, your abandoned plan to reduce the need for a Flip Moves: still limits your options, as a CARD. theorem giving you access O Dramatic Flair: When you engage or speak to • Careful Plans: When you carefully to a location. Assign +2, +1, -1. someone with exaggerated flair, roll +Elegance. Trophies plan, roll +Cold. On a 10+ hold 4, on If you have 5 or more On a hit they respond as you desire, as a result. a 7-9 hold 2, spend hold to give trophies, get this move: On a 7-9 or miss, you need to keep up the anyone +1 if following the plan. **Grandmaster Thief:** If Flip persona and overacting, as a CARD. **Evasion**: When your theorem or the open problem you **Plan B:** when you hit on Flexibility, you may Look: Athletic, Casual, take a CARD, deftly evade to roll +Sly. select involves a daring Spend 1 hold from Rough, Wacky, or Cool On a hit, draw out the CARD into a theft and you solve it, Careful Plans to use the result. On a 10, evade the CARD. On *transcend*, becoming the Vice: Perfectionist, Phobia, rest on the new plan. a miss, you and the theorem take it. legendary thief mentor. Independence, or Silliness

Name: Mathematician Logician Danish, Midwesterner, Zimbabwean, or Chilean Logic Moves: **Inflict Intuitionistic Logic**: You can insist Statsproofs be Intuitionistic, because what isn't House of **CARDs Consistent or Complete**: When you state true, need not be false. When you successfully a theorem, use a *consistent* or a *complete* +0Assign +2, +1, -1. Risks use a result to give a theorem a CARD, you Complications logic. If *complete*, reduce its need by 1 may instead remove proof by contradiction or Debts and it gains a CARD risking inconsistency. Antagonists remove all bonuses from proof by induction. Creative If consistent, its need increases by 1, and Advancement it gains a +1 on CARD rolls. ++2**Foundational Approach**: When you A Logic move prove a theorem, you may immediately +1 Cold Elegant conjecture a follow-on course of action. **+1** Rigorous Experience Unprovable: As a conference move **+1** Elegant +3+4 describe how one open problem cannot be +5+1 Any Stat (max +2) to solved (fake item, a trap, etc.). Proving Rigorous Gain a Gifted Student the impossibility is an open problem. Colleagues A Fix move Fix Moves: Gain all Fix Core Moves and Cold +1 Cold Starting choose one other move. **Wealthy**: Get +1 to +1 Sly Agents Throw Money At It. Core Fix Moves: Advance **+1** Creative **Sacrifice Play**: Lose an Hot **Throw Money At It**: When you agent 1-for-1 to reduce or Another thief's core move spend loads of cash, roll +Cold. On a increase a theorem's need. Move from another playbook 10+ get up to 2 results, on a 7-9 get 1 ○ The Boss: Choose cruel **Recruitment**: When you recruit agents to solve Sly result. On a miss, you can't use this or *loyal* when you take your theorems for you, roll +Sly. On a 10+ you move for the rest of this conference. this. If cruel, mark 1 XP recruit 2, on a 7-9, recruit 1. Name them and • Get Involved: When care enough to each time you lose an Assign +2, +1, -1. pick a thief type. On a miss, a prospective gets in Trophies do a job yourself, roll +Hot. On a hit, agent. If loyal, you may the way, as a CARD. When you direct agents to you get a result. On a 7-9 or a miss, take a CARD to avoid perform a task with their thief type, roll +Agents you are in too deep, as a CARD. losing an agent. Fix involved (max 3), a hit gives a result, a 7-9 or If you have 5+ trophies, get this move: Look: Pristine, Ordinary, miss, loses an agent. Agents **Go Legit:** If the open problem you select involves acquiring sizable funds Gussied Up, or Accountant or a company, transcend, becoming a Vice: Power, Status, Plots legitimate business person. within Plots, or Wealth



When you **state a theorem**, roll +Elegant. On a 10+ your theorem needs 3 results and choose two options from the first list, on a 7-9 your theorem needs 5 results and choose one option from each list.:

- Trivial this proof requires 1 fewer result.
- Proof by Construction when proved this theorem has created something concrete, get 3 hold, when you use what this theorem has created, spend 1 hold to get +1 forward.
- Proof by Induction when you have a result that sets up ground work for this theorem you can use it as a base case, instead of proving this theorem. Each base case adds +1 forward to proving this theorem.
- Proof by Contradiction when you prove this theorem, describe how it turns a problem into an advantage, then converts one of your CARDs into a result.

On a miss, your theorem needs 8 results, choose two options below:

- Proof by Exhaustion your theorem needs +4 results.
- Describe how this theorem puts you at risk take that risk as a CARD (Complication, Antagonist, Risk, or Debt).
- Describe someone who is actively trying to block your theorem - the theorem takes that person's enmity as a CARD.
- Describe someone you are relying upon to prove your theorem - the theorem takes that debt as a CARD.
- Describe an unpredictable event your theorem depends on or is threatened by the theorem takes that risk as a CARD.

Theorem and CARD Moves

When you **achieve a result which could prove a theorem**, roll +Rigorous. On a 10+, reduce the theorem's need by two. On a 7-9, reduce the theorem's need by one, or reduce its need by two and describe a risk or complication your result could cause and add it to the theorem as a CARD. On a miss, describe how your result makes the theorem less likely after all, and add this reason to the theorem as a CARD.

When you achieve a result which could disprove a theorem, roll +Rigorous. On a 10+, apply this result to the theorem as a CARD. On a 7-9, either shake-up this theorem or the result is double edged and both you and the theorem take it as a CARD. On a miss, your attempted disproof only strengthens the theorem, reducing its need by one (to a minimum of one).

When you **state a conjecture**, briefly sketch your speculation or plan, then roll +Creative. On a hit, whenever another mathematician states or proves a theorem which fulfills this conjecture, they mark one experience. On a 10+, those mathematicians gain +1 forward on those rolls. On a miss, describe a complication with your idea, any theorem which fulfills your conjecture takes that complication as a CARD. When you **apply a proven theorem to prove another theorem**, describe how the proved theorem helps support the unproven one, then roll +Creative. On a hit, treat the proven theorem as a result and attempt to prove the unproven theorem. On a 10+, the proven theorem is a Lemma and gains 2 hold. This hold may be spent by a mathematician to use this theorem as a result, by describing how it supports an unproven theorem. On a 7-9 this theorem generates the result as a Corollary, but may still be used again using this move. On a miss this theorem is exhausted and this move cannot be used on it again.

When you or your theorem **gains a CARD** or **is shaken-up**, roll +CARD [which will always be +6 minus the number of CARDs in your House, including the one just gained]. On a 10+, all is clear, for now. On a 7-9, choose one of your CARDs to rear its head. On a miss, the House of Cards falls down and all of the CARDs come due at once. If the House belonged to a theorem it has proven false. If it belongs to you then you have landed in serious trouble, lose all your CARDs and state a theorem to get you out of it, until you prove such a theorem you cannot prove on any other theorem.

Alternatively if your House would fall, you may **double down**. If you do, your House doesn't fall, but if your House falls again this conference, you suffer a permanent consequence, at least removing you from the conference, perhaps including imprisonment, or even death. This consequence can only be overcome by solving an appropriate open problem. At the **beginning of a conference**, one of the mathematicians will be the guest of honor, either chosen by the guest of honor at the previous conference or randomly. This mathematician describes the setting of the conference, briefly mentioning its location (usually a city), and some things of interest in or near the conference. Then each mathematician writes down one open problem, a difficult situation or prize that will require an especially complex theorem to solve. The mathematicians place all of these in a pile. Then the guest of honor directs each other mathematician to select one open problem from someone else. These will be the open problems of the conference. The goal of the conference will be for the mathematicians to prove theorems solving one or more of these open problems. Theorems of this sort work a little differently:

- When stating a theorem that solves an open problem, add 5 to its need.
- When you apply a result to prove a theorem solving an open problem, on a hit, if this result was a proven theorem, reduce the need by an additional 1.
- When you successfully prove a theorem solving an open problem, all other stated theorems solving that problem are proven false. This does not prohibit stating a new theorem to solve the same problem.

A conference is made up of a series of sessions.

During each session each mathematician takes a turn, and then chooses which of the mathematicians who haven't taken a turn yet this session does so next. The last mathematician in a session chooses the first for the following session. In the very first session of the conference, the guest of honor takes the first turn.

Conferences

The **duration of the conference** is determined by the conference clock, which starts at 0, and counts up to twice the number of attending mathematicians. During a conference there are a handful of conference moves (see below). The first time in a session that a conference move is used, the conference clock increases by 1. The clock also increases by 1 each time a theorem solving an open problem is successfully proven. When the clock equals or exceeds twice the number of attending mathematicians, the conference will end at the end of the current session.

During your turn:

- You describe what your character is doing.
- Always refer to other mathematicians by the character's name.
- Solve the open problems.
- Build your House of CARDs.
- To use a move, describe how you are doing what the move requires.
- You may initiate two moves during your turn. After the second move, your turn ends, and you choose whose turn it is next. This doesn't count moves that follow-up your initial move, like using results to prove theorems or handling the consequences to Houses of CARDs.

At the **end of a conference**, you mark one experience for each CARD in your House. If your House is currently fallen, then you are assumed to weasel your way out of your trouble before the next conference. If you solved an open problem during the conference describe a trophy commemorating your achievement.

Conference Moves:

When you use a conference move as the guest of honor, you get an additional +1 to your roll.

When you present your work at a conference, roll

+Elegant. On a hit, you sneak something into your presentation about one of the stated theorems, gain +1 forward to using results or theorems to prove or disprove that theorem. On a 10+ you may add one benefit to the theorem (except Trivial). On a 6-, you are instead distracted by the research you are presenting, take a CARD describing this fixation.

When you take part in informal discussions at a

conference, roll +Creative. On a hit, you relax and get some perspective on things, remove any one CARD from your House. On a 10+ you also get +1 forward. On a 6-, you are distracted by someone's idea or problem, take a CARD describing this preoccupation.

When you **badmouth a colleague** *at a conference*, roll +Cold. On a 10+, give them a CARD describing how attendees at the conference have taken a dislike to your colleague. On a 7-9, give them the CARD, but you attract some ire from the attendees too, your House is shaken-up. On a miss, your gossiping backfires, take a CARD representing the distrust you've earned.

When you **network among attendees** *at a conference*, roll +Hot. On a 10+, get 3 hold, on a 7-9, get 1 hold. Spend hold, one for one, to gain +1 forward when an attendee knowingly or unknowingly helps you during a move. This hold lasts for the rest of the conference. On a miss, you make an enemy instead of friends and contacts, take this enemy as a CARD.